



Missouri Department of dnr.mo.gov

NATURAL RESOURCES

Michael L. Parson, Governor

Carol S. Comer, Director

OCT 29 2018

Mr. Jed Wolkins
U.S. EPA Region VII
AWMD / APDB
11201 Renner Boulevard
Lenexa, KS 66219

Dear Mr. Wolkins:

Enclosed you will find the Missouri Department of Natural Resources' Air Pollution Control Program, Gateway Vehicle Inspection Program 2017 Annual Report. This report is intended to fulfill the requirements of 40 CFR 51.366.

Please review the report at your earliest convenience. If you have any questions, please contact Mr. Josh Vander Veen with the Department's Air Pollution Control Program, P.O. Box 176, Jefferson City, MO 65102-0176, by telephone at (573) 751-4817, or by e-mail at josh.vanderveen@dnr.mo.gov.

Sincerely,

AIR POLLUTION CONTROL PROGRAM

Darcy A. Bybee
Director

DAB:jvv

Enclosure



Recycled paper



2017 Annual Report

June 2018

Prepared By

Missouri Department of Natural Resources
Division of Environmental Quality
Air Pollution Control Program

Reports and Data Required by Federal Rule

Reports below are in the order of federal regulation. Federal requirements are in bold type and the Missouri Department of Natural Resources' response follows each requirement. Responses that are data tables are found in the Attachments.

TITLE 40--PROTECTION OF ENVIRONMENT

CHAPTER I--ENVIRONMENTAL PROTECTION AGENCY

SUBCHAPTER C--AIR PROGRAMS

PART 51--REQUIREMENTS FOR PREPARATION, ADOPTION, AND SUBMITTAL OF IMPLEMENTATION PLANS

SUBPART S--INSPECTION/MAINTENANCE PROGRAM REQUIREMENTS

§ 51.366 Data analysis and reporting.

Data analysis and reporting are required to allow for monitoring and evaluation of the program by program management and the Environmental Protection Agency (EPA), and shall provide information regarding the types of program activities performed and their final outcomes, including summary statistics and effectiveness evaluations of the enforcement mechanism, the quality assurance system, the quality control program, and the testing element. Initial submission of the following annual reports shall commence within 18 months of initial implementation of the program as required by Sec. 51.373 of this subpart. The biennial report shall commence within 30 months of initial implementation of the program as required by Sec. 51.373 of this subpart.

- (a) *Test data report.* The program shall submit to EPA by July of each year a report providing basic statistics on the testing program for January through December of the previous year, including:**

The following responses cover data gathered from January through December 2017. See the addendum for an explanation of the calculations in the attachments. See Attachment 1 for a Summary of information from Attachments 2-16.

- (1) The number of vehicles tested by model year and vehicle type;**

See Attachment 2 – (1) The number of vehicles tested by model year and vehicle type

- (2) By model year and vehicle type, the number and percentage of vehicles:**

- (i) Failing initially, per test type;**

See Attachment 3 – (2i) Vehicles Failing Initially

- (ii) Failing the first retest per test type;**
See Attachment 4 – (2ii) Vehicles Failing the First Retest
- (iii) Passing the first retest per test type;**
See Attachment 5 – (2iii) Vehicles Passing the First Retest
- (iv) Initially failed vehicles passing the second or subsequent retest per test type;**
See Attachment 6 – (2iv) Vehicles Passing the Second or Subsequent Retest
- (v) Initially failed vehicles receiving a waiver; and**
See Attachment 7 – (2v) Initially Failed Vehicles Receiving a Waiver
- (vi) Vehicles with no known final outcome (regardless of reason).**
See Attachment 8 – (2vi) Vehicles with No Known Final Outcome
- (vii) - (x) [Reserved]**
- (xi) Passing the on-board diagnostic check;**
See Attachment 9 – (2xi-xii) Vehicles Passing/Failing the On-Board Diagnostic Test
- (xii) Failing the on-board diagnostic check;**
See Attachment 9 – (2xi-xii) Vehicles Passing/Failing the On-Board Diagnostic Test
- (xiii) Failing the on-board diagnostic check and passing the tailpipe test (if applicable); N/A**
- (xiv) Failing the on-board diagnostic check and failing the tailpipe test (if applicable); N/A**
- (xv) Passing the on-board diagnostic check and failing the I/M gas cap evaporative system test (if applicable); N/A**
- (xvi) Failing the on-board diagnostic check and passing the I/M gas cap evaporative system test (if applicable); N/A**
- (xvii) Passing both the on-board diagnostic check and I/M gas cap evaporative system test (if applicable); N/A**
- (xviii) Failing both the on-board diagnostic check and I/M gas cap evaporative system test (if applicable); N/A**

(xix) MIL is commanded on and no codes are stored;

See Attachment 10 – (2xix) MIL is Commanded On and No Codes Are Stored

(xx) MIL is not commanded on and codes are stored;

See Attachment 11 – (2xx) MIL is Not Commanded On and Codes Are Stored

(xxi) MIL is commanded on and codes are stored;

See Attachment 12 – (2xxi) MIL is Commanded On and Codes Are Stored

(xxii) MIL is not commanded on and codes are not stored;

See Attachment 13 – (2xxii) MIL is Not Commanded On and Codes Are Not Stored

(xxiii) Readiness status indicates that the evaluation is not complete for any module supported by on-board diagnostic systems;

See Attachment 14 – (2xxiii) Vehicles Failing the Readiness Status

(3) The initial test volume by model year and test station;

See Attachment 15 – (3) Initial Test Volume by Model Year and Test Station

(4) The initial test failure rate by model year and test station; and

See Attachment 15 – (4) Initial Test Failure Rate by Model Year and Test Station

(5) The average increase or decrease in tailpipe emission levels for HC, CO, and NO_x (if applicable) after repairs by model year and vehicle type for vehicles receiving a mass emissions test. N/A

(b) *Quality assurance report.* The program shall submit to EPA by July of each year a report providing basic statistics on the quality assurance program for January through December of the previous year, including:

(1) The number of inspection stations and analyzers:

There were a total of 886 GVIP licensed stations with 928 analyzers operating at some point during 2017. This includes both public and private stations.

(i) Operating throughout the year; and

There were 771 GVIP licensed stations with 781 analyzers in operation for 12 calendar months in 2017. This includes both public and private stations. In the data analysis, the department attempted to filter out some of the testing data in the VID from the Missouri State Highway Patrol, Opus/Systech, WEP and the department.

(ii) Operating for only part of the year;

In addition to the stations noted above there were 115 GVIP licensed stations with 147 analyzers that operated less than 12 calendar months.

(2) The number of inspection stations and analyzers operating throughout the year:

(i) Receiving overt performance audits in the year;

8,701 overt audits of GVIP stations were performed in 2017. Of these, the department performed 1,597 (which included 807 analyzers) and the highway patrol performed 7,104 (which included audits of all analyzers at the station). This indicates that every station and every analyzer operating for any period of time during the year received at least one overt performance audit.

(ii) Not receiving overt performance audits in the year;

All stations received at least one overt performance audit during this period; many received multiple audits.

(iii) Receiving covert performance audits in the year;

216 in-station covert audits of licensed stations were performed in 2017. The department performed 109 of these and the highway patrol performed 107.

In addition to the above, the department conducted data investigations regarding various aspects of the GVIP, such as Vehicle Identification Number (VIN) mismatches, OBD “fingerprint” mismatches, multiple 'readiness monitor fails' on the same vehicle, and 'Repair Verification' action regarding problem waivers. In 2017, the department conducted 855 such audits. The station is unaware of this type of audit; therefore, the department considers them covert audits as well.

Finally, the department conducts a 'repair audit' with each waiver application to ensure the repairs made are appropriate and well-documented. Again, as the station is unaware of these audits, we consider them an additional type of covert audit. The department conducted 199 repair audits on 137 stations in 2017.

Each station received at least one covert audit during the year via one of these methods.

(iv) Not receiving covert performance audits in the year; and

Through a combination of physical covert audits of the station and the above mentioned data audits conducted by the department and the highway patrol, all stations under the GVIP received at least one covert audit in 2017. In addition, all existing stations were audited via phone during the June 12, 2017, rollout of WEP.

- (v) **That have been shut down as a result of overt performance audits;**
11 inspection stations had licenses suspended or revoked as a result of overt audits by the highway patrol.

(3) The number of covert audits:

The department conducted a total of 964 covert audits in 2017. As noted in previous reports, the highway patrol does not have a vehicle with “set to fail” capabilities.

(i) Conducted with the vehicle set to fail per test type;

Of the above number, 109 were physical audits. Each vehicle is set up with:

- 1) A Diagnostic Trouble Code (DTC) embedded in it by a technical service center. This ensures that every covert vehicle will fail, at a minimum, the OBD test for DTC reasons;
- 2) The ability for the department auditor to allow the Malfunction Indicator Lamp (MIL) to illuminate as it should or to be turned off;
- 3) The ability to disconnect the catalytic converter, causing it to fail the emissions equipment section of the safety inspection.

(ii) Conducted with the vehicle set to fail any combination of two or more test types;

The department performed 109 covert audits with the vehicle set to fail any combination of two or more test types in 2017.

- All 109 were set to fail both OBD MIL & OBD DTC.
- Of those, 109 were set to fail OBD MIL, OBD DTC and Safety.

(iii) Resulting in a false pass per test type;

All covert audits in 2017 resulted in an overall failure for the vehicle’s emission inspection. However, 13 covert audits resulted in a false pass for the MIL Verification Test as a result of the Inspector/Mechanic passing this test although the MIL was mechanically set to not illuminate by the department auditor.

No false passes were recorded for OBD DTC or Readiness.

There were 3 false results for the vehicle’s safety inspection. All of these false results were in relation to the vehicle with a missing catalytic converter and resulted in a “Pass” for the missing catalytic converter. These inspections were verified by the highway patrol.

(iv) Resulting in a false pass for any combination of two or more test types;

None of the covert audits for a vehicle set to fail resulted in a false pass in 2017. In addition, none had false passes for more than one test type.

(v) - (viii) [Reserved]

(4) The number of inspectors and stations:

(i) That were suspended, fired, or otherwise prohibited from testing as a result of covert audits;

4 Inspector/Mechanic licenses were suspended or revoked as a result of covert audits by the highway patrol.

(ii) That were suspended, fired, or otherwise prohibited from testing for other causes; and

All suspensions were the result of an audit conducted by the highway patrol.

(iii) That received fines.

The department did not impose fines on any stations or individual Inspector/Mechanics in 2017.

(5) The number of inspectors licensed or certified to conduct testing;

A monthly average of 4,911 Inspector/Mechanics were licensed to conduct testing under the GVIP in 2017.

(6) The number of hearings:

(i) Held to consider adverse actions against inspectors and stations; and

The highway patrol conducted 1 hearing with an Inspector/Mechanic under the GVIP.

(ii) Resulting in adverse actions against inspectors and stations;

The Inspector/Mechanic was suspended as a result of the hearing conducted by the highway patrol.

(7) The total amount collected in fines from inspectors and stations by type of violation;

No fines were collected for violations in 2017.

(8) The total number of covert vehicles available for undercover audits over the year; and

There were 4 department owned vehicles and 1 highway patrol vehicle used to perform covert audits during this reporting period.

(9) The number of covert auditors available for undercover audits.

During this reporting period, the department had 5 staff members available for covert audits. The highway patrol had 10 staff available to perform covert audits.

(c) *Quality control report.* The program shall submit to EPA by July of each year a report providing basic statistics on the quality control program for January through December of the previous year, including:

(1) The number of emissions testing sites and lanes in use in the program;

In 2017, there were 886 GVIP licensed stations and 928 lanes in operation.

(2) The number of equipment audits by station and lane;

All overt audits conducted by the department and highway patrol are also equipment audits. The department conducted 1,627 audits and the highway patrol conducted 7,104 audits.

In addition, department auditors routinely audit software. They assist in development of acceptance test procedures and also participate in acceptance testing on all software versions released during the calendar year. They provide approval or request additional modifications as appropriate.

(3) The number and percentage of stations that have failed equipment audits; and

50 stations failed inspections for equipment violations. This equates to 5.64% of stations that operated at some point during the year.

(4) Number and percentage of stations and lanes shut down as a result of equipment audits.

50 stations were locked down until the equipment was fixed as a result of equipment audits. This number is estimated by the highway patrol, as the current software is unable to log this information.

(d) Enforcement report.

(1) All varieties of enforcement programs shall, at a minimum, submit to EPA by July of each year a report providing basic statistics on the enforcement program for January through December of the previous year, including:

(i) An estimate of the number of vehicles subject to the inspection program, including the results of an analysis of the registration data base;

The Missouri Department of Revenue (DOR) imports registration data daily to the VID. WEP performed a query on vehicles registered in the five county area that weigh less than 8500 pounds. WEP's query indicated that 863,694 vehicles registered may have been subject to an emissions inspection. This number does not exclude the vehicles on the department's exemption list, vehicles exempt based on mileage or initially purchased vehicles.

(ii) The percentage of motorist compliance based upon a comparison of the number of valid final tests with the number of subject vehicles;

For the reporting year, GVIP inspection stations performed 836,540 initial emission tests. These tests include vehicle transfers (used vehicles sold and required to be re-inspected) and some federal, state and local government fleet vehicles that are not on the registration data base.

The 863,694 vehicles registered with DOR were subject to an emissions test. During rollout of the new emissions contractor, some vehicles were registered without receiving an emissions test. DOR is unable to provide an accurate number of these registrations. As 836,540 initial emissions tests were

conducted in 2017, a testing compliance rate of 96.87% of subject vehicles was achieved. Of the vehicles initially tested, 99.30% received a passing emissions test in 2017, resulting in an overall compliance rate of 96.19%.

(iii) The total number of compliance documents issued to inspection stations;

Under Opus, all compliance documents were stored on the Missouri Decentralized Analyzer System (MDAS) unit in the inspection analyzer. Because of this feature, they are printed on an as required basis so the number issued would correlate directly to the number of inspections performed or passed as appropriate. WEP is working on this functionality.

(iv) The number of missing compliance documents;

As noted above, a complete set of compliance documents were stored on the MDAS unit on each analyzer and were available to be printed on an as needed basis under Opus. WEP is working on this functionality.

(v) The number of time extensions and other exemptions granted to motorists; and

Cost-based emissions waivers are available if a motorist has spent more than \$450 on emissions-related repairs and labor if a Missouri Recognized Repair Technician performs the repairs. If the vehicle owner performs the repairs, the owner must spend at least \$400 in qualified emissions-control parts, as determined by the EPA, toward the waiver amount. If vehicle owners are financially dependent solely on state and federal disability, benefits or other public assistance programs and anticipate failing the emissions test, they may receive a waiver if they spend at least \$200 on emissions-related repairs and labor. The department granted 189 cost based waivers in 2017.

Out-of-area waivers are also available. If a vehicle is registered in the St. Louis ozone nonattainment area, but operating outside of that area for the following 24 consecutive months, owners may apply to the department for an out-of-area waiver. Examples include vehicles used by family members away at college or on farm property outside of the St. Louis area. Out-of-area waivers, valid for the period of registration, are given to motorists of such vehicles. The department granted 295 out-of-area waivers in 2017.

Reciprocity waivers are also available. If a vehicle is in a state other than Missouri and that state conducts pass/fail OBD testing, the motorist may choose to have the vehicle emissions inspected in that state and submit a reciprocity waiver application to the department. The department also uses these as “Technical Waivers.” The department granted 13 Reciprocity waivers in 2017.

Mileage-Based Exemptions are also available. There are 3 categories of motor vehicles eligible for mileage-based exemptions:

- 1) New motor vehicles, of model years of the current calendar year and within two (2) years of the current calendar year that have an odometer reading of fewer than 6,000 miles at the time of original sale by a motor vehicle manufacturer or licensed motor vehicle dealer to the first user;
- 2) New motor vehicles that have not been previously titled and registered, for the 4-year period following their model year of manufacture, that have an odometer reading of fewer than 40,000 miles showing at the first required biennial safety inspection; and
- 3) Motor vehicles that are driven fewer than 12,000 miles between biennial safety inspections.

The department granted 1,918 mileage-based exemptions in 2017.

(vi) The number of compliance surveys conducted, number of vehicles surveyed in each, and the compliance rates found.

No parking lot surveys or other compliance checks were conducted during the reporting period.

(2) Registration denial based enforcement programs shall provide the following additional information:

- (i) A report of the program's efforts and actions to prevent motorists from falsely registering vehicles out of the program area or falsely changing fuel type or weight class on the vehicle registration, and the results of special studies to investigate the frequency of such activity; and**

Real Time Inspection Data/Paperless Inspection Verification

Each analyzer is to be connected to the VID using a dedicated Internet connection at the inspection station. At the completion of each vehicle inspection, the analyzer software automatically uploads the inspection data to the VID, where it then becomes immediately available to the DOR contract license offices and online registration system for inspection verification. As a result of this real time paperless inspection verification system, GVIP has simplified registration verification and increased registration integrity for St. Louis area DOR contract license offices. Contract license offices have the ability to quickly identify fraudulent vehicle inspection reports (VIRs) that motorists attempt to use to bypass the vehicle inspection requirements. Contract license offices contact the department as soon as such attempts have been prevented so that the department and the highway patrol can initiate an immediate investigation of the source of these fraudulent VIRs.

In addition to the ability to use real time inspection data and paperless verification, the GVIP program utilizes the DataOne data and National Highway Traffic Safety Administration (NHTSA) data to define the vehicle for the Inspector/Mechanic, including the GVWR and fuel type.

(ii) The number of registration file audits, number of registrations reviewed, and compliance rates found in such audits.

The DOR did not conduct a file audit in 2017. A follow up compliance check was unable to be completed. The department is working to improve this for future reports.

(3) Computer-matching based enforcement programs shall provide the following additional information:

GVIP is primarily enforced with a registration denial based program rather than a computer-matching system. However, we do have the ability to implement some computer-matching based measures as well. As noted in Section (b)(2)(iii), the department does conduct data investigation using various reporting tools, for example, reports which show VIN mismatches, OBD “fingerprint” mismatches, vehicles with multiple ‘readiness monitor fails’ and ‘Repair Verification’ action regarding problem waivers.

(i) The number and percentage of subject vehicles that were tested by the initial deadline, and by other milestones in the cycle;

As stated above, DOR is not conducting registration record reviews to determine emission inspection compliance.

(ii) A report on the program’s efforts to detect and enforce against motorists falsely changing vehicle classifications to circumvent program requirements, and the frequency of this type of activity; and

The system utilizes the DataOne and NHTSA to decode the VIN and define the vehicle. Changes to GVWR or fuel type require station management approval.

In addition, department and highway patrol staff are able to compare vehicle information entered in the VIR to the Inspector/Mechanic’s photographs of the vehicle’s VIN, rear license plate and odometer attached to the electronic VIR. As noted above, the department and the highway patrol also frequently conduct data investigation using various reports including those which show VIN mismatches and OBD “fingerprint” mismatches to identify and address attempts to circumvent program requirements.

(iii) The number of enforcement system audits, and the error rate found during those audits.

As stated above, DOR is not conducting registration record reviews to determine emission inspection compliance.

(4) Sticker-based enforcement systems shall provide the following additional information:

GVIP is not enforced with a sticker-based system. Although a windshield sticker is issued to any vehicle that passes an emissions test or receives a waiver, the stickers are not currently used as an enforcement tool.

- (i) A report on the program's efforts to prevent, detect, and enforce against sticker theft and counterfeiting, and the frequency of this type of activity;
- (ii) A report on the program's efforts to detect and enforce against motorists falsely changing vehicle classifications to circumvent program requirements, and the frequency of this type of activity; and
- (iii) The number of parking lot sticker audits conducted, the number of vehicles surveyed in each, and the noncompliance rate found during those audits.

(e) ***Additional reporting requirements.*** In addition to the annual reports in paragraphs (a) through (d) of this section, programs shall submit to EPA by July of every other year, biennial reports addressing:

- (1) **Any changes made in program design, funding, personnel levels, procedures, regulations, and legal authority, with detailed discussion and evaluation of the impact on the program of all such changes; and**

The department's I/M staff was reduced by one employee in 2017. As a result, the Inspection Services Unit had their workloads increased by 20%. Additionally, the department's vehicle fleet for overt inspections was reduced by one in 2017.

On June 12, 2017, the contractor operations changed from Opus to WEP. The inspection system changed from a 'tower' computer/analyzer using Windows Vista with a SPX module to a 'tablet' computer using Windows 10 along with a BAR certified DAD. Serious rollout issues with the software/hardware occurred during the initial few months resulting in the inability to perform inspections, unreliable data, inaccurate inspection authority accounting and missing data. The rollout issues resulted in the department waiving the emissions inspections registration requirement for vehicle owners that were unable to obtain an inspection from late June through the end of September. While the severity and frequency of issues has subsided since the initial rollout, WEP's hardware/software issues continue to cause problems for stations attempting to complete inspections. The hardware/software issues continue to give the department low confidence in the quality of data in the VID.

- (2) **Any weaknesses or problems identified in the program within the two-year reporting period, what steps have already been taken to correct those problems, the results of those steps, and any future efforts planned.**

The department has identified several areas for potential improvement in the program within the two-year reporting period.

As described in (e)(1), WEP's hardware/software continues to be deficient. These deficiencies result in an inconvenience to the motorists, the stations, and the department's ability to enforce the program. The department is continually working with WEP to improve the software/hardware and the quality of the data in the VID.

Separate bi-weekly calls are currently held to discuss service issues, software/hardware issues, and VID issues.

Outside of the issues discussed in the previous paragraph, WEP has not met the department's reporting needs in many respects. For example, the calculations in this report were generated by department created queries using raw inspection data provided by WEP. The department will continue to work with WEP to ensure that the department's reporting needs are met going forward.

The department and the highway patrol have had discussions on ways to improve enforcement of the program. One idea that the department would like to pursue in the coming years is to add enforcement information to the VID. By doing so, the department and the highway patrol would be able to see in real time the current enforcement status of a station, analyzer, and/or inspector. Furthermore, the agencies would be able to easily review their enforcement history.

The department plans to continue to work with WEP to refine the query that is described in (d)(1). By removing all vehicles that should be exempt from vehicle inspections, the department could work with WEP to create a report that compares the vehicles that were registered in a given year with those that should have received an emissions inspection as described in (d)(2)(ii).

(f) *SIP requirements.* The SIP shall describe the types of data to be collected.

Addendum

Definitions:

- Test Cycle – Any event that would trigger a requirement for a vehicle to receive a test.
 - Initial Test – The first successful test occurring in a test cycle, any successful test that follows a passing test, or any successful test that occurs more than ninety (90) days after the previous test.
 - Retest – A successful test that occurs within 90 days of a failing initial test.
 - Successful Test – A test that did not fail because of readiness, connection, or communication reasons.
- (1) The number of vehicles tested by model year and vehicle type
- The number of initial tests performed.
- (2)(i) Vehicles failing initially
- The number of failing initial tests performed.
- (2)(ii) Vehicles failing the first retest
- The number of first retests that had a failing result.
- (2)(iii) Vehicles passing the first retest
- The number of first retests that had a passing result.
- (2)(iv) Vehicles passing the second or subsequent retest
- The number of retests that were not the first retest that resulted in a pass.
- (2)(v) Initially failed vehicles receiving a waiver
- The number of vehicles that received initial tests that later received a waiver.
- (2)(vi) Vehicles with no known outcome
- (2)(xii) – (2)(v)
- (2)(xi) Vehicles passing the on-board diagnostic test
- Any test that had a passing result.
- (2)(xii) Vehicles failing the on-board diagnostic test
- (2)(i) – (2)(iii) – (2)(iv).
- (2)(xix) MIL is commanded on and no codes are stored
- The number of initial tests where the MIL is commanded on and no codes are stored.
- (2)(xx) MIL is not commanded on and codes are stored
- The number of initial tests where the MIL is not commanded on and codes are stored.
- (2)(xxi) MIL is commanded on and codes are stored
- The number of initial tests where the MIL is commanded on and codes are stored.
- (2)(xxii) MIL is not commanded on and codes are not stored
- The number of initial tests where the MIL is not commanded on and no codes are stored.
- (2)(xxiii) Vehicles failing the readiness status
- Any test in which the monitor result is a fail.
- (3) Initial test volume
- Any initial test.
- (4) Initial test failure rate
- The sum of the initial test failures divided by the total number of emission tests.

Attachment 1 - Test Report Period : From Date 1/1/2017 to 12/31/2017
Summary Page

836540	(1) The number of vehicles tested by model year and vehicle type
	Total Vehicles Tested

(2) By model year and vehicle type, the number and percentage of vehicles
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19557	(2i) Failing Initially per test type
2.34%	of Total Vehicles Tested

13174	(2iii) Passing the first retest per test type
67.36%	of Failing Initially

421	(2v) Initially Failed Vehicles Receiving
2.15%	of Failing Initially

830683	(2xi) Passing the OBD Test
99.30%	of total OBD Vehicles Tested

71	(2xix) MIL On and No DTCs stored
0.01%	of total OBD Vehicles Tested

19002	(2xxi) MIL On and DTCs stored
2.27%	of total OBD Vehicles Tested

49908	(2xxiii) Not Ready for the OBD Test
5.97%	of total OBD Vehicles Tested

929	(2ii) Failing the first retest per test type
4.75%	of Failing Initially

526	(2iv) Initially failed vehicles passing the second or greater retest
2.69%	of Failing Initially

5436	(2vi) Vehicles with no known final outcome (regardless of reason)
27.80%	of Failing Initially

5857	(2xii) Failing the On-Board Diagnostic Check
0.70%	of total OBD Vehicles Tested

45055	(2xx) MIL Off and DTCs stored
5.39%	of total OBD Vehicles Tested

772395	(2xxii) MIL Off and No DTCs Stored
92.33%	of total OBD Vehicles Tested

Attachment 2 - (1) The Number of Vehicles Tested by Model Year and Vehicle Type

Model Year	Passenger Car		Truck		Total	
	Test Count	Waived	Test Count	Waived	Test Count	Waived
1996	2146	2	784	0	2930	2
1997	11288	12	4301	3	15592	15
1998	4224	3	1244	1	5468	4
1999	21463	22	5555	4	27025	26
2000	7506	9	1567	0	9089	9
2001	30002	47	7326	4	37328	51
2002	11146	15	1689	0	12835	15
2003	44456	57	8148	4	52607	61
2004	13511	14	1914	2	15425	16
2005	59431	59	8580	2	68011	61
2006	15874	16	1718	1	17592	17
2007	70674	60	8198	3	78872	63
2008	17386	7	1694	0	19080	7
2009	56864	31	5228	1	62095	32
2010	14876	7	1553	0	16429	7
2011	71538	20	7764	1	79302	21
2012	19348	3	1695	0	21043	3
2013	95654	9	8270	0	103927	9
2014	37239	0	3250	0	40490	0
2015	100760	2	9695	0	110465	2
2016	27657	0	2014	0	29672	0
2017	10381	0	882	0	11263	0
Total	743424	395	93069	26	836540	421

Attachment 3 - (2i) Vehicles Failing Initially

Model Year	Passenger Car			Truck			Total Initial Tests		
	Test Count	Total Failed	% Total Fails	Test Count	Total Failed	% Total Fails	Test Count	Total Failed	% Total Fails
1996	2146	170	8%	784	56	7%	2930	226	8%
1997	11288	764	7%	4301	343	8%	15592	1109	7%
1998	4224	254	6%	1244	105	8%	5468	359	7%
1999	21463	1165	5%	5555	244	4%	27025	1409	5%
2000	7506	400	5%	1567	93	6%	9089	493	5%
2001	30002	1916	6%	7326	360	5%	37328	2276	6%
2002	11146	577	5%	1689	69	4%	12835	646	5%
2003	44456	2259	5%	8148	409	5%	52607	2669	5%
2004	13511	544	4%	1914	56	3%	15425	600	4%
2005	59431	2354	4%	8580	289	3%	68011	2643	4%
2006	15874	552	3%	1718	61	4%	17592	613	3%
2007	70674	2070	3%	8198	259	3%	78872	2329	3%
2008	17386	394	2%	1694	40	2%	19080	434	2%
2009	56864	1102	2%	5228	98	2%	62095	1200	2%
2010	14876	236	2%	1553	12	1%	16429	248	2%
2011	71538	956	1%	7764	64	1%	79302	1020	1%
2012	19348	159	1%	1695	6	0%	21043	165	1%
2013	95654	534	1%	8270	33	0%	103927	567	1%
2014	37239	99	0%	3250	6	0%	40490	105	0%
2015	100760	318	0%	9695	22	0%	110465	341	0%
2016	27657	69	0%	2014	12	1%	29672	81	0%
2017	10381	20	0%	882	4	0%	11263	24	0%
Total	743424	16912	2%	93069	2641	3%	836540	19557	2%

Attachment 4 - (2ii) Vehicles Failing the First Retest

Model Year	Passenger Car			Truck			Total Initial Tests		
	Test Count	Total Failed	% Total Fails	Test Count	Total Failed	% Total Fails	Test Count	Total Failed	% Total Fails
1996	57	5	9%	24	1	4%	81	6	7%
1997	536	66	12%	254	32	13%	791	98	12%
1998	140	10	7%	63	10	16%	203	20	10%
1999	790	77	10%	167	12	7%	957	89	9%
2000	221	25	11%	64	3	5%	285	28	10%
2001	1337	97	7%	283	20	7%	1620	117	7%
2002	313	38	12%	44	3	7%	357	41	11%
2003	1656	105	6%	335	16	5%	1991	121	6%
2004	333	37	11%	36	3	8%	369	40	11%
2005	1771	92	5%	214	9	4%	1985	101	5%
2006	339	30	9%	42	3	7%	381	33	9%
2007	1587	84	5%	204	4	2%	1791	88	5%
2008	247	10	4%	28	1	4%	275	11	4%
2009	887	43	5%	82	4	5%	969	47	5%
2010	159	12	8%	7	1	14%	166	13	8%
2011	764	30	4%	60	5	8%	824	35	4%
2012	108	3	3%	3	0	0%	111	3	3%
2013	449	15	3%	31	1	3%	480	16	3%
2014	73	4	5%	5	0	0%	78	4	5%
2015	277	14	5%	19	0	0%	296	14	5%
2016	61	2	3%	11	1	9%	72	3	4%
2017	17	1	6%	4	0	0%	21	1	5%
Total	12122	800	7%	1980	129	7%	14103	929	7%

Attachment 5 - (2iii) Vehicles Passing the First Retest

Model Year	Passenger Car			Truck			Total Initial Tests		
	Test Count	Total Passed	% Total Passed	Test Count	Total Passed	% Total Passed	Test Count	Total Passed	% Total Passed
1996	57	52	91%	24	23	96%	81	75	93%
1997	536	470	88%	254	222	87%	791	693	88%
1998	140	130	93%	63	53	84%	203	183	90%
1999	790	713	90%	167	155	93%	957	868	91%
2000	221	196	89%	64	61	95%	285	257	90%
2001	1337	1240	93%	283	263	93%	1620	1503	93%
2002	313	275	88%	44	41	93%	357	316	89%
2003	1656	1551	94%	335	319	95%	1991	1870	94%
2004	333	296	89%	36	33	92%	369	329	89%
2005	1771	1679	95%	214	205	96%	1985	1884	95%
2006	339	309	91%	42	39	93%	381	348	91%
2007	1587	1503	95%	204	200	98%	1791	1703	95%
2008	247	237	96%	28	27	96%	275	264	96%
2009	887	844	95%	82	78	95%	969	922	95%
2010	159	147	92%	7	6	86%	166	153	92%
2011	764	734	96%	60	55	92%	824	789	96%
2012	108	105	97%	3	3	100%	111	108	97%
2013	449	434	97%	31	30	97%	480	464	97%
2014	73	69	95%	5	5	100%	78	74	95%
2015	277	263	95%	19	19	100%	296	282	95%
2016	61	59	97%	11	10	91%	72	69	96%
2017	17	16	94%	4	4	100%	21	20	95%
Total	12122	11322	93%	1980	1851	93%	14103	13174	93%

Attachment 6 - (2iv) Vehicles Passing the Second or Subsequent Retest

Model Year	Passenger Car			Truck			Total Initial Tests		
	Test Count	Total Passed	% Total Passes	Test Count	Total Passed	% Total Passed	Test Count	Total Passed	% Total Passed
1996	1	1	100%	2	1	50%	3	2	67%
1997	44	36	82%	21	17	81%	65	53	82%
1998	8	8	100%	10	7	70%	18	15	83%
1999	50	41	82%	10	7	70%	60	48	80%
2000	15	12	80%	2	2	100%	17	14	82%
2001	63	55	87%	18	16	89%	81	71	88%
2002	18	16	89%	2	1	50%	20	17	85%
2003	70	58	83%	14	13	93%	84	71	85%
2004	23	21	91%	3	3	100%	26	24	92%
2005	57	52	91%	6	5	83%	63	57	90%
2006	19	12	63%	2	2	100%	21	14	67%
2007	53	42	79%	3	2	67%	56	44	79%
2008	8	5	63%	0	0	0%	8	5	63%
2009	37	28	76%	3	3	100%	40	31	78%
2010	12	6	50%	0	0	0%	12	6	50%
2011	21	20	95%	3	3	100%	24	23	96%
2012	5	3	60%	0	0	0%	5	3	60%
2013	15	9	60%	1	1	100%	16	10	63%
2014	2	2	100%	0	0	0%	2	2	100%
2015	14	13	93%	0	0	0%	14	13	93%
2016	1	1	100%	1	1	100%	2	2	100%
2017	1	1	100%	0	0	0%	1	1	100%
Total	537	442	82%	101	84	83%	638	526	82%

Attachment 7 - (2v) Inially Failed Vehicles Receiving a Waiver

Model Year	Passenger Car			Truck			Total Initial Tests		
	Total Failed	Waivers	% Waivers	Total Failed	Waivers	% Waivers	Total Failed	Waivers	% Waivers
1996	170	2	1%	56	0	0%	226	2	1%
1997	764	12	2%	343	3	1%	1109	15	1%
1998	254	3	1%	105	1	1%	359	4	1%
1999	1165	22	2%	244	4	2%	1409	26	2%
2000	400	9	2%	93	0	0%	493	9	2%
2001	1916	47	2%	360	4	1%	2276	51	2%
2002	577	15	3%	69	0	0%	646	15	2%
2003	2259	57	3%	409	4	1%	2669	61	2%
2004	544	14	3%	56	2	4%	600	16	3%
2005	2354	59	3%	289	2	1%	2643	61	2%
2006	552	16	3%	61	1	2%	613	17	3%
2007	2070	60	3%	259	3	1%	2329	63	3%
2008	394	7	2%	40	0	0%	434	7	2%
2009	1102	31	3%	98	1	1%	1200	32	3%
2010	236	7	3%	12	0	0%	248	7	3%
2011	956	20	2%	64	1	2%	1020	21	2%
2012	159	3	2%	6	0	0%	165	3	2%
2013	534	9	2%	33	0	0%	567	9	2%
2014	99	0	0%	6	0	0%	105	0	0%
2015	318	2	1%	22	0	0%	341	2	1%
2016	69	0	0%	12	0	0%	81	0	0%
2017	20	0	0%	4	0	0%	24	0	0%
Total	16912	395	2%	2641	26	1%	19557	421	2%

Attachment 8 - (2vi) Vehicles With No Known Final Outcome

Model Year	Passenger Car			Truck			Total Initial Tests		
	Failed	Never Passed	% Never Passed	Failed	Never Passed	% Never Passed	Failed	Never Passed	% Never Passed
1996	170	115	68%	56	32	57%	226	147	65%
1997	764	246	32%	343	101	29%	1109	348	31%
1998	254	113	44%	105	44	42%	359	157	44%
1999	1165	389	33%	244	78	32%	1409	467	33%
2000	400	183	46%	93	30	32%	493	213	43%
2001	1916	574	30%	360	77	21%	2276	651	29%
2002	577	271	47%	69	27	39%	646	298	46%
2003	2259	593	26%	409	73	18%	2669	667	25%
2004	544	213	39%	56	18	32%	600	231	39%
2005	2354	564	24%	289	77	27%	2643	641	24%
2006	552	215	39%	61	19	31%	613	234	38%
2007	2070	465	22%	259	54	21%	2329	519	22%
2008	394	145	37%	40	13	33%	434	158	36%
2009	1102	199	18%	98	16	16%	1200	215	18%
2010	236	76	32%	12	6	50%	248	82	33%
2011	956	182	19%	64	5	8%	1020	187	18%
2012	159	48	30%	6	3	50%	165	51	31%
2013	534	82	15%	33	2	6%	567	84	15%
2014	99	28	28%	6	1	17%	105	29	28%
2015	318	40	13%	22	3	14%	341	44	13%
2016	69	9	13%	12	1	8%	81	10	12%
2017	20	3	15%	4	0	0%	24	3	13%
Total	16912	4753	28%	2641	680	26%	19557	5436	28%

Attachment 9 - (2xi-xii) Vehicles Passing/Failing the On-Board Diagnostic Test

Model Year	Passenger Vehicle					Truck					Total				
	Test Count	Passed	% Passed	Failed	% Failed	Test Count	Passed	% Passed	Failed	% Failed	Test Count	Passed	% Passed	Failed	% Failed
1996	2146	2028	95%	117	5%	784	752	96%	32	4%	2930	2781	95%	149	5%
1997	11288	11030	98%	258	2%	4301	4197	98%	104	2%	15592	15229	98%	363	2%
1998	4224	4108	97%	116	3%	1244	1199	96%	45	4%	5468	5307	97%	161	3%
1999	21463	21052	98%	411	2%	5555	5473	99%	82	1%	27025	26532	98%	493	2%
2000	7506	7314	97%	192	3%	1567	1537	98%	30	2%	9089	8867	98%	222	2%
2001	30002	29381	98%	621	2%	7326	7245	99%	81	1%	37328	36626	98%	702	2%
2002	11146	10860	97%	286	3%	1689	1662	98%	27	2%	12835	12522	98%	313	2%
2003	44456	43806	99%	650	1%	8148	8071	99%	77	1%	52607	51879	99%	728	1%
2004	13511	13284	98%	227	2%	1914	1894	99%	20	1%	15425	15178	98%	247	2%
2005	59431	58808	99%	623	1%	8580	8501	99%	79	1%	68011	67309	99%	702	1%
2006	15874	15643	99%	231	1%	1718	1698	99%	20	1%	17592	17341	99%	251	1%
2007	70674	70149	99%	525	1%	8198	8141	99%	57	1%	78872	78290	99%	582	1%
2008	17386	17234	99%	152	1%	1694	1681	99%	13	1%	19080	18915	99%	165	1%
2009	56864	56634	100%	230	0%	5228	5211	100%	17	0%	62095	61848	100%	247	0%
2010	14876	14793	99%	83	1%	1553	1547	100%	6	0%	16429	16340	99%	89	1%
2011	71538	71336	100%	202	0%	7764	7758	100%	6	0%	79302	79094	100%	208	0%
2012	19348	19297	100%	51	0%	1695	1692	100%	3	0%	21043	20989	100%	54	0%
2013	95654	95563	100%	91	0%	8270	8268	100%	2	0%	103927	103834	100%	93	0%
2014	37239	37211	100%	28	0%	3250	3249	100%	1	0%	40490	40461	100%	29	0%
2015	100760	100718	100%	42	0%	9695	9692	100%	3	0%	110465	110419	100%	46	0%
2016	27657	27648	100%	9	0%	2014	2013	100%	1	0%	29672	29662	100%	10	0%
2017	10381	10378	100%	3	0%	882	882	100%	0	0%	11263	11260	100%	3	0%
Total	743424	738275	99%	5148	1%	93069	92363	99%	706	1%	836540	830683	99%	5857	1%

Attachment 10 - (2xix) MIL is Commanded On and No Codes Are Stored

Model Year	Passenger Car			Truck			Total		
	Test Count	MIL On & No Codes	% MIL On & No Codes	Test Count	MIL On & No Codes	% MIL On & No Codes	Test Count	MIL On & No Codes	% MIL On & No Codes
1996	2146	1	0%	784	0	0%	2930	1	0%
1997	11288	1	0%	4301	0	0%	15592	1	0%
1998	4224	0	0%	1244	0	0%	5468	0	0%
1999	21463	5	0%	5555	1	0%	27025	6	0%
2000	7506	1	0%	1567	0	0%	9089	1	0%
2001	30002	2	0%	7326	1	0%	37328	3	0%
2002	11146	3	0%	1689	0	0%	12835	3	0%
2003	44456	9	0%	8148	1	0%	52607	10	0%
2004	13511	7	0%	1914	1	0%	15425	8	0%
2005	59431	10	0%	8580	1	0%	68011	11	0%
2006	15874	8	0%	1718	0	0%	17592	8	0%
2007	70674	11	0%	8198	0	0%	78872	11	0%
2008	17386	0	0%	1694	0	0%	19080	0	0%
2009	56864	1	0%	5228	0	0%	62095	1	0%
2010	14876	2	0%	1553	0	0%	16429	2	0%
2011	71538	2	0%	7764	0	0%	79302	2	0%
2012	19348	1	0%	1695	0	0%	21043	1	0%
2013	95654	0	0%	8270	0	0%	103927	0	0%
2014	37239	0	0%	3250	0	0%	40490	0	0%
2015	100760	2	0%	9695	0	0%	110465	2	0%
2016	27657	0	0%	2014	0	0%	29672	0	0%
2017	10381	0	0%	882	0	0%	11263	0	0%
Total	743424	66	0%	93069	5	0%	836540	71	0%

Attachment 11 - (2xx) MIL Is Not Commanded On and Codes Are Stored

Model Year	Passenger Car			Truck			Total		
	Test Count	MIL Off & Stored Codes	% MIL Off & Stores Codes	Test Count	MIL Off & Stored Codes	% MIL Off & Stores Codes	Test Count	MIL Off & Stored Codes	% MIL Off & Stores Codes
1996	2146	213	10%	784	104	13%	2930	317	11%
1997	11288	1230	11%	4301	423	10%	15592	1653	11%
1998	4224	514	12%	1244	149	12%	5468	663	12%
1999	21463	2307	11%	5555	521	9%	27025	2830	10%
2000	7506	770	10%	1567	143	9%	9089	921	10%
2001	30002	3144	10%	7326	565	8%	37328	3709	10%
2002	11146	1171	11%	1689	123	7%	12835	1294	10%
2003	44456	4252	10%	8148	627	8%	52607	4879	9%
2004	13511	1379	10%	1914	147	8%	15425	1526	10%
2005	59431	5450	9%	8580	598	7%	68011	6048	9%
2006	15874	1421	9%	1718	141	8%	17592	1562	9%
2007	70674	5238	7%	8198	453	6%	78872	5691	7%
2008	17386	1221	7%	1694	121	7%	19080	1342	7%
2009	56864	2654	5%	5228	316	6%	62095	2970	5%
2010	14876	733	5%	1553	75	5%	16429	808	5%
2011	71538	2548	4%	7764	231	3%	79302	2779	4%
2012	19348	777	4%	1695	37	2%	21043	814	4%
2013	95654	2489	3%	8270	198	2%	103927	2687	3%
2014	37239	851	2%	3250	73	2%	40490	924	2%
2015	100760	1018	1%	9695	86	1%	110465	1104	1%
2016	27657	340	1%	2014	30	1%	29672	370	1%
2017	10381	156	2%	882	8	1%	11263	164	1%
Total	743424	39876	5%	93069	5169	6%	836540	45055	5%

Attachment 12 - (2xxi) MIL is Commanded On and Codes Are Stored

Model Year	Passenger Car			Truck			Total		
	Test Count	MIL On & Stored Codes	% MIL On & Stored Codes	Test Count	MIL On & Stored Codes	% MIL On & Stored Codes	Test Count	MIL On & Stored Codes	% MIL On & Stored Codes
1996	2146	160	7%	784	55	7%	2930	215	7%
1997	11288	731	6%	4301	330	8%	15592	1063	7%
1998	4224	241	6%	1244	99	8%	5468	340	6%
1999	21463	1122	5%	5555	227	4%	27025	1349	5%
2000	7506	385	5%	1567	88	6%	9089	473	5%
2001	30002	1866	6%	7326	346	5%	37328	2212	6%
2002	11146	562	5%	1689	64	4%	12835	626	5%
2003	44456	2209	5%	8148	386	5%	52607	2595	5%
2004	13511	523	4%	1914	52	3%	15425	575	4%
2005	59431	2314	4%	8580	277	3%	68011	2591	4%
2006	15874	540	3%	1718	59	3%	17592	599	3%
2007	70674	2035	3%	8198	256	3%	78872	2291	3%
2008	17386	389	2%	1694	40	2%	19080	429	2%
2009	56864	1095	2%	5228	96	2%	62095	1191	2%
2010	14876	231	2%	1553	12	1%	16429	243	1%
2011	71538	933	1%	7764	63	1%	79302	996	1%
2012	19348	157	1%	1695	6	0%	21043	163	1%
2013	95654	514	1%	8270	31	0%	103927	545	1%
2014	37239	94	0%	3250	6	0%	40490	100	0%
2015	100760	288	0%	9695	20	0%	110465	308	0%
2016	27657	63	0%	2014	11	1%	29672	74	0%
2017	10381	20	0%	882	4	0%	11263	24	0%
Total	743424	16472	2%	93069	2528	3%	836540	19002	2%

Attachment 13 - (2xxii) MIL is Not Commanded On and Codes Are Not Stored

Model Year	Passenger Car			Truck			Total		
	Test Count	MIL Off & No Codes	% MIL Off & No Codes	Test Count	MIL Off & No Codes	% MIL Off & No Codes	Test Count	MIL Off & No Codes	% MIL Off & No Codes
1996	2146	1772	83%	784	625	80%	2930	2397	82%
1997	11288	9326	83%	4301	3548	82%	15592	12875	83%
1998	4224	3469	82%	1244	996	80%	5468	4465	82%
1999	21463	18029	84%	5555	4806	87%	27025	22840	85%
2000	7506	6350	85%	1567	1336	85%	9089	7694	85%
2001	30002	24990	83%	7326	6414	88%	37328	31404	84%
2002	11146	9410	84%	1689	1502	89%	12835	10912	85%
2003	44456	37985	85%	8148	7134	88%	52607	45122	86%
2004	13511	11602	86%	1914	1714	90%	15425	13316	86%
2005	59431	51657	87%	8580	7704	90%	68011	59361	87%
2006	15874	13902	88%	1718	1518	88%	17592	15420	88%
2007	70674	63389	90%	8198	7489	91%	78872	70878	90%
2008	17386	15776	91%	1694	1533	90%	19080	17309	91%
2009	56864	53114	93%	5228	4816	92%	62095	57933	93%
2010	14876	13910	94%	1553	1466	94%	16429	15376	94%
2011	71538	68052	95%	7764	7470	96%	79302	75522	95%
2012	19348	18404	95%	1695	1652	97%	21043	20056	95%
2013	95654	92651	97%	8270	8041	97%	103927	100695	97%
2014	37239	36294	97%	3250	3171	98%	40490	39466	97%
2015	100760	99452	99%	9695	9589	99%	110465	109051	99%
2016	27657	27254	99%	2014	1973	98%	29672	29228	99%
2017	10381	10205	98%	882	870	99%	11263	11075	98%
Total	743424	686993	92%	93069	85367	92%	836540	772395	92%

Attachment 14 - (2xxiii) Vehicles Failing the Readiness Status
(Total Test Count Includes Readiness)

Model Year	Passenger Car			Truck			Total		
	Test Count	Test Failed	% Failed	Test Count	Test Failed	% Failed	Test Count	Test Failed	% Failed
1996	2490	344	14%	915	131	14%	3405	475	14%
1997	12351	1063	9%	4657	356	8%	17011	1419	8%
1998	4859	635	13%	1457	213	15%	6316	848	13%
1999	23264	1801	8%	5968	413	7%	29241	2216	8%
2000	8536	1030	12%	1757	190	11%	10309	1220	12%
2001	34521	4519	13%	8234	908	11%	42755	5427	13%
2002	13300	2154	16%	1983	294	15%	15283	2448	16%
2003	48975	4519	9%	8918	770	9%	57896	5289	9%
2004	15483	1972	13%	2227	313	14%	17710	2285	13%
2005	63962	4531	7%	9262	682	7%	73224	5213	7%
2006	17708	1834	10%	1937	219	11%	19645	2053	10%
2007	74278	3604	5%	8750	552	6%	83028	4156	5%
2008	18737	1351	7%	1857	163	9%	20594	1514	7%
2009	59123	2259	4%	5536	308	6%	64662	2567	4%
2010	15837	961	6%	1675	122	7%	17512	1083	6%
2011	73767	2229	3%	8008	244	3%	81775	2473	3%
2012	20464	1116	5%	1785	90	5%	22249	1206	5%
2013	97944	2290	2%	8512	242	3%	106459	2532	2%
2014	39058	1819	5%	3476	226	7%	42535	2045	5%
2015	102664	1904	2%	9910	215	2%	112584	2119	2%
2016	28508	851	3%	2077	63	3%	30586	914	3%
2017	10748	367	3%	921	39	4%	11669	406	3%
Total	786577	43153	5%	99822	6753	7%	886448	49908	6%

Attachment 15 - (3-4) Initial Test Volume and Failure Rate by Model Year and Test Station

*Stations without emissions inspections in 2017 have been omitted

Station*	036001	036005	036007	036010	036015	036019	036020	036021	036025	036026	036027	036029
1996	2 / 50%	2 / 0%	8 / 13%	2 / 50%	6 / 17%	14 / 0%	2 / 0%	3 / 67%	2 / 0%	8 / 13%	0 / 0%	1 / 0%
1997	3 / 0%	29 / 10%	22 / 5%	32 / 9%	30 / 17%	70 / 9%	49 / 6%	17 / 12%	17 / 6%	29 / 28%	9 / 0%	6 / 0%
1998	1 / 0%	6 / 0%	11 / 0%	15 / 7%	11 / 18%	38 / 3%	19 / 11%	7 / 0%	5 / 0%	8 / 38%	0 / 0%	0 / 0%
1999	14 / 7%	44 / 2%	20 / 5%	58 / 5%	41 / 15%	129 / 6%	69 / 10%	26 / 4%	26 / 4%	39 / 8%	17 / 0%	3 / 0%
2000	2 / 0%	11 / 0%	17 / 0%	22 / 0%	21 / 19%	42 / 2%	16 / 0%	14 / 0%	14 / 0%	12 / 0%	2 / 0%	1 / 0%
2001	11 / 27%	61 / 15%	27 / 15%	57 / 11%	73 / 16%	175 / 9%	96 / 6%	32 / 3%	22 / 0%	60 / 5%	21 / 5%	6 / 0%
2002	5 / 0%	11 / 0%	22 / 0%	14 / 21%	16 / 25%	51 / 6%	21 / 5%	11 / 0%	12 / 0%	19 / 16%	8 / 0%	5 / 0%
2003	15 / 13%	68 / 13%	32 / 3%	81 / 7%	72 / 4%	287 / 6%	107 / 9%	57 / 2%	36 / 8%	83 / 11%	27 / 0%	7 / 0%
2004	5 / 20%	13 / 0%	32 / 0%	28 / 14%	14 / 7%	71 / 3%	27 / 11%	13 / 8%	8 / 0%	11 / 9%	8 / 0%	1 / 0%
2005	16 / 13%	99 / 6%	55 / 2%	115 / 7%	77 / 6%	323 / 5%	136 / 7%	46 / 2%	47 / 9%	73 / 8%	46 / 0%	9 / 11%
2006	5 / 20%	21 / 0%	19 / 0%	21 / 5%	16 / 13%	88 / 5%	27 / 0%	13 / 0%	6 / 0%	17 / 6%	23 / 0%	0 / 0%
2007	14 / 7%	79 / 3%	47 / 0%	109 / 7%	68 / 6%	356 / 6%	141 / 2%	39 / 0%	45 / 7%	52 / 2%	76 / 0%	6 / 0%
2008	7 / 0%	10 / 0%	21 / 0%	25 / 0%	17 / 12%	69 / 1%	23 / 4%	9 / 33%	8 / 13%	9 / 0%	17 / 0%	3 / 0%
2009	13 / 8%	39 / 5%	14 / 0%	72 / 6%	36 / 3%	294 / 1%	102 / 4%	28 / 4%	18 / 0%	31 / 3%	63 / 0%	7 / 0%
2010	2 / 0%	10 / 0%	10 / 0%	11 / 0%	3 / 0%	44 / 2%	19 / 0%	2 / 0%	5 / 0%	2 / 50%	19 / 0%	1 / 0%
2011	6 / 0%	45 / 0%	13 / 0%	95 / 1%	35 / 3%	367 / 3%	112 / 3%	26 / 4%	24 / 0%	34 / 3%	87 / 0%	4 / 0%
2012	1 / 0%	8 / 0%	7 / 0%	16 / 0%	4 / 0%	57 / 2%	28 / 0%	3 / 0%	7 / 0%	8 / 0%	29 / 0%	2 / 0%
2013	8 / 0%	56 / 2%	20 / 0%	121 / 0%	22 / 0%	436 / 1%	113 / 1%	32 / 6%	31 / 0%	37 / 3%	131 / 0%	4 / 0%
2014	1 / 0%	9 / 0%	2 / 0%	25 / 0%	4 / 0%	61 / 3%	27 / 0%	1 / 0%	4 / 0%	4 / 0%	81 / 0%	0 / 0%
2015	2 / 0%	42 / 0%	8 / 0%	87 / 0%	25 / 0%	329 / 0%	89 / 1%	18 / 0%	19 / 0%	23 / 0%	166 / 0%	2 / 0%
2016	0 / 0%	6 / 0%	0 / 0%	11 / 0%	2 / 0%	25 / 0%	8 / 0%	3 / 0%	2 / 0%	3 / 0%	27 / 0%	0 / 0%
2017	0 / 0%	1 / 0%	0 / 0%	1 / 0%	0 / 0%	3 / 0%	3 / 0%	1 / 0%	0 / 0%	0 / 0%	10 / 0%	0 / 0%
Total	133 / 8%	670 / 3%	407 / 2%	1018 / 7%	593 / 8%	3329 / 3%	1234 / 4%	401 / 7%	358 / 2%	562 / 9%	867 / 0%	68 / 1%

Attachment 15 - (3-4) Initial Test Volume and Failure Rate by Model Year and Test Station

*Stations without emissions inspections in 2017 have been omitted

036033	036035	036037	036040	036041	036045	036055	036056	036059	036062	036064	036066	036068
9 / 22%	1 / 0%	4 / 0%	0 / 0%	1 / 0%	6 / 17%	9 / 11%	27 / 0%	5 / 0%	17 / 6%	7 / 14%	6 / 0%	0 / 0%
49 / 8%	9 / 0%	13 / 15%	8 / 0%	14 / 0%	32 / 16%	23 / 4%	71 / 7%	44 / 5%	40 / 15%	24 / 4%	16 / 6%	13 / 15%
6 / 17%	2 / 50%	12 / 0%	0 / 0%	4 / 0%	15 / 7%	6 / 0%	32 / 3%	11 / 0%	16 / 6%	11 / 9%	9 / 0%	5 / 20%
85 / 5%	24 / 0%	39 / 5%	19 / 5%	22 / 0%	51 / 6%	24 / 4%	117 / 4%	54 / 2%	58 / 12%	42 / 10%	23 / 4%	27 / 7%
25 / 0%	3 / 0%	13 / 0%	4 / 0%	3 / 0%	27 / 7%	7 / 0%	54 / 9%	19 / 11%	25 / 4%	20 / 0%	5 / 0%	2 / 0%
87 / 3%	26 / 0%	39 / 5%	15 / 7%	23 / 9%	68 / 7%	46 / 7%	158 / 9%	60 / 3%	91 / 11%	48 / 10%	46 / 0%	31 / 6%
33 / 6%	7 / 0%	14 / 7%	2 / 0%	8 / 0%	26 / 8%	5 / 0%	61 / 7%	25 / 4%	30 / 10%	25 / 12%	7 / 0%	6 / 50%
90 / 4%	22 / 0%	48 / 4%	14 / 0%	40 / 3%	91 / 9%	61 / 8%	195 / 6%	82 / 0%	109 / 4%	62 / 8%	41 / 2%	26 / 8%
35 / 6%	7 / 0%	21 / 0%	6 / 0%	3 / 0%	26 / 4%	18 / 0%	66 / 5%	21 / 5%	52 / 8%	18 / 6%	12 / 0%	10 / 10%
101 / 9%	41 / 0%	59 / 7%	26 / 4%	46 / 0%	113 / 3%	65 / 3%	237 / 4%	120 / 1%	140 / 6%	78 / 5%	46 / 2%	34 / 9%
25 / 4%	7 / 14%	23 / 0%	3 / 0%	15 / 0%	29 / 0%	11 / 0%	50 / 2%	12 / 0%	46 / 2%	23 / 9%	8 / 0%	5 / 60%
90 / 4%	38 / 0%	59 / 5%	19 / 11%	49 / 2%	123 / 4%	49 / 6%	171 / 6%	105 / 1%	161 / 3%	68 / 4%	65 / 2%	32 / 13%
31 / 0%	9 / 0%	13 / 0%	1 / 0%	6 / 0%	35 / 0%	8 / 0%	52 / 2%	27 / 0%	65 / 0%	14 / 7%	6 / 0%	0 / 0%
43 / 5%	35 / 3%	38 / 3%	7 / 0%	31 / 0%	81 / 0%	49 / 0%	110 / 4%	54 / 2%	67 / 6%	47 / 4%	25 / 8%	8 / 0%
13 / 0%	10 / 0%	6 / 0%	1 / 0%	7 / 0%	18 / 0%	2 / 0%	35 / 3%	7 / 0%	32 / 0%	11 / 9%	4 / 0%	3 / 0%
67 / 1%	37 / 3%	37 / 0%	13 / 0%	43 / 0%	111 / 2%	43 / 0%	109 / 1%	70 / 1%	88 / 2%	56 / 4%	27 / 0%	14 / 7%
13 / 0%	13 / 0%	5 / 20%	2 / 0%	10 / 0%	37 / 0%	8 / 0%	26 / 4%	13 / 0%	22 / 0%	12 / 8%	1 / 0%	1 / 0%
57 / 0%	37 / 3%	36 / 0%	16 / 0%	36 / 0%	159 / 1%	44 / 2%	125 / 2%	77 / 1%	79 / 0%	58 / 0%	21 / 0%	14 / 0%
6 / 0%	21 / 0%	7 / 0%	1 / 0%	21 / 0%	22 / 0%	6 / 0%	13 / 0%	17 / 0%	16 / 0%	5 / 0%	2 / 0%	1 / 0%
47 / 2%	19 / 0%	27 / 4%	10 / 0%	65 / 0%	146 / 0%	39 / 0%	102 / 1%	73 / 0%	59 / 0%	34 / 0%	22 / 0%	8 / 0%
2 / 0%	4 / 0%	1 / 0%	1 / 0%	10 / 0%	13 / 0%	1 / 0%	2 / 0%	3 / 0%	9 / 0%	5 / 0%	2 / 0%	0 / 0%
1 / 0%	0 / 0%	0 / 0%	0 / 0%	2 / 0%	1 / 0%	1 / 0%	0 / 0%	0 / 0%	3 / 0%	2 / 0%	0 / 0%	0 / 0%
915 / 4%	372 / 3%	514 / 3%	168 / 1%	459 / 1%	1230 / 4%	525 / 2%	1813 / 4%	899 / 2%	1225 / 4%	670 / 6%	394 / 1%	240 / 9%

Attachment 15 - (3-4) Initial Test Volume and Failure Rate by Model Year and Test Station

*Stations without emissions inspections in 2017 have been omitted

036070	036071	036073	036086	036088	036090	036092	036095	036096	036098	036102	036106	036109
7 / 14%	0 / 0%	4 / 0%	0 / 0%	11 / 0%	3 / 33%	14 / 0%	0 / 0%	1 / 0%	1 / 0%	1 / 0%	7 / 0%	1 / 0%
37 / 3%	0 / 0%	30 / 0%	29 / 14%	41 / 15%	10 / 0%	59 / 5%	2 / 0%	16 / 6%	0 / 0%	12 / 8%	42 / 14%	6 / 0%
7 / 0%	0 / 0%	6 / 0%	9 / 0%	22 / 5%	2 / 50%	16 / 13%	1 / 0%	5 / 20%	0 / 0%	4 / 0%	9 / 0%	2 / 50%
37 / 0%	1 / 0%	64 / 2%	43 / 5%	79 / 8%	20 / 10%	81 / 1%	4 / 0%	16 / 6%	0 / 0%	11 / 0%	69 / 9%	6 / 17%
15 / 0%	2 / 0%	11 / 0%	13 / 8%	24 / 0%	5 / 0%	26 / 0%	5 / 20%	6 / 0%	0 / 0%	10 / 0%	22 / 5%	3 / 0%
60 / 0%	1 / 0%	57 / 5%	45 / 4%	54 / 6%	20 / 5%	127 / 2%	6 / 0%	27 / 4%	0 / 0%	5 / 0%	73 / 8%	5 / 0%
15 / 7%	3 / 0%	16 / 13%	9 / 11%	19 / 5%	6 / 17%	30 / 3%	4 / 0%	12 / 0%	0 / 0%	6 / 0%	28 / 0%	8 / 0%
62 / 0%	3 / 0%	66 / 5%	53 / 6%	78 / 3%	27 / 11%	163 / 3%	8 / 25%	39 / 5%	1 / 0%	12 / 8%	97 / 10%	21 / 10%
18 / 0%	2 / 0%	12 / 0%	11 / 0%	17 / 6%	7 / 0%	29 / 14%	5 / 0%	13 / 8%	2 / 0%	13 / 0%	38 / 8%	15 / 13%
73 / 0%	4 / 0%	72 / 1%	73 / 3%	89 / 7%	36 / 11%	158 / 4%	11 / 0%	60 / 2%	1 / 0%	26 / 4%	132 / 8%	31 / 16%
7 / 0%	0 / 0%	11 / 0%	15 / 0%	25 / 0%	5 / 0%	22 / 5%	13 / 15%	16 / 0%	0 / 0%	12 / 0%	27 / 15%	17 / 0%
47 / 0%	5 / 0%	98 / 2%	63 / 2%	82 / 4%	23 / 0%	147 / 4%	24 / 4%	67 / 3%	2 / 0%	19 / 5%	90 / 6%	30 / 10%
8 / 0%	1 / 0%	11 / 0%	10 / 0%	12 / 17%	4 / 0%	33 / 3%	12 / 0%	30 / 0%	0 / 0%	3 / 33%	29 / 7%	19 / 16%
27 / 4%	4 / 0%	60 / 0%	38 / 3%	63 / 2%	15 / 7%	113 / 1%	20 / 0%	72 / 0%	0 / 0%	6 / 0%	65 / 8%	25 / 0%
5 / 0%	2 / 0%	5 / 0%	6 / 0%	11 / 0%	1 / 0%	11 / 0%	8 / 13%	43 / 0%	1 / 0%	3 / 0%	14 / 0%	19 / 11%
35 / 3%	1 / 0%	67 / 4%	46 / 0%	58 / 0%	17 / 0%	102 / 2%	33 / 3%	125 / 2%	0 / 0%	3 / 0%	89 / 3%	45 / 0%
4 / 0%	0 / 0%	5 / 0%	7 / 0%	4 / 0%	2 / 0%	11 / 0%	14 / 0%	60 / 0%	0 / 0%	3 / 0%	16 / 0%	26 / 4%
42 / 0%	3 / 0%	89 / 1%	58 / 2%	60 / 0%	18 / 0%	126 / 0%	40 / 3%	197 / 1%	0 / 0%	4 / 0%	90 / 2%	52 / 4%
3 / 0%	0 / 0%	14 / 0%	4 / 0%	4 / 0%	1 / 0%	18 / 0%	33 / 0%	165 / 1%	0 / 0%	1 / 0%	19 / 0%	47 / 2%
21 / 0%	1 / 0%	65 / 0%	30 / 0%	78 / 0%	11 / 0%	96 / 0%	69 / 0%	201 / 0%	0 / 0%	3 / 0%	97 / 0%	104 / 1%
2 / 0%	0 / 0%	8 / 0%	2 / 0%	10 / 0%	2 / 0%	6 / 0%	16 / 0%	97 / 0%	1 / 0%	0 / 0%	6 / 0%	34 / 0%
1 / 0%	0 / 0%	1 / 0%	0 / 0%	3 / 0%	0 / 0%	2 / 0%	2 / 0%	22 / 0%	0 / 0%	0 / 0%	5 / 0%	3 / 0%
533 / 1%	33 / 0%	772 / 1%	564 / 3%	844 / 3%	235 / 7%	1390 / 3%	330 / 4%	1290 / 3%	9 / 0%	157 / 3%	1064 / 5%	519 / 7%

Attachment 15 - (3-4) Initial Test Volume and Failure Rate by Model Year and Test Station

*Stations without emissions inspections in 2017 have been omitted

036113	036115	036119	036120	036121	036132	036135	036137	036143	036147	036148	036149	050002
2 / 50%	9 / 0%	1 / 0%	6 / 0%	0 / 0%	8 / 0%	16 / 6%	2 / 50%	12 / 8%	3 / 0%	1 / 0%	0 / 0%	5 / 0%
16 / 25%	55 / 9%	22 / 5%	20 / 15%	3 / 0%	58 / 16%	60 / 10%	14 / 7%	60 / 5%	27 / 0%	23 / 4%	11 / 0%	21 / 10%
3 / 0%	24 / 13%	4 / 0%	13 / 0%	2 / 100%	15 / 7%	29 / 7%	4 / 0%	12 / 17%	9 / 0%	3 / 0%	5 / 0%	4 / 25%
24 / 4%	91 / 9%	31 / 0%	34 / 0%	12 / 0%	86 / 6%	104 / 9%	15 / 0%	61 / 10%	54 / 2%	37 / 0%	13 / 0%	50 / 10%
9 / 11%	28 / 11%	6 / 0%	11 / 9%	3 / 0%	25 / 4%	24 / 4%	2 / 0%	14 / 14%	9 / 0%	6 / 0%	8 / 0%	12 / 0%
28 / 7%	115 / 10%	45 / 2%	27 / 4%	16 / 0%	149 / 10%	121 / 5%	17 / 0%	96 / 6%	62 / 8%	60 / 3%	23 / 9%	49 / 8%
7 / 14%	40 / 3%	10 / 0%	10 / 10%	7 / 0%	35 / 6%	45 / 9%	14 / 0%	14 / 21%	8 / 0%	6 / 0%	12 / 0%	14 / 7%
40 / 10%	135 / 7%	49 / 2%	29 / 0%	25 / 4%	181 / 12%	159 / 6%	39 / 0%	106 / 7%	63 / 2%	74 / 3%	46 / 4%	71 / 3%
6 / 0%	35 / 9%	15 / 0%	5 / 0%	9 / 0%	42 / 5%	38 / 5%	11 / 0%	14 / 0%	16 / 0%	16 / 0%	12 / 0%	15 / 0%
51 / 4%	177 / 6%	87 / 0%	24 / 0%	44 / 5%	210 / 8%	174 / 6%	52 / 2%	113 / 5%	89 / 3%	140 / 1%	57 / 7%	68 / 4%
9 / 0%	38 / 3%	17 / 6%	6 / 0%	8 / 13%	44 / 7%	33 / 3%	23 / 0%	15 / 0%	13 / 15%	12 / 0%	21 / 5%	11 / 9%
39 / 5%	132 / 6%	99 / 3%	13 / 0%	62 / 5%	236 / 6%	164 / 5%	81 / 2%	91 / 7%	81 / 0%	140 / 1%	82 / 4%	76 / 5%
8 / 0%	22 / 5%	43 / 0%	5 / 0%	10 / 0%	39 / 3%	32 / 6%	25 / 0%	10 / 0%	7 / 0%	19 / 0%	29 / 0%	13 / 8%
21 / 10%	105 / 2%	81 / 0%	6 / 0%	48 / 2%	186 / 3%	92 / 3%	62 / 5%	63 / 2%	53 / 2%	111 / 1%	64 / 0%	31 / 3%
5 / 0%	15 / 0%	44 / 0%	3 / 0%	8 / 0%	30 / 0%	14 / 7%	31 / 3%	11 / 0%	6 / 0%	21 / 0%	33 / 0%	6 / 0%
27 / 7%	108 / 2%	154 / 0%	7 / 14%	71 / 1%	177 / 2%	97 / 1%	137 / 1%	78 / 4%	55 / 2%	162 / 2%	121 / 2%	59 / 5%
5 / 0%	18 / 6%	34 / 0%	2 / 0%	43 / 0%	25 / 0%	20 / 0%	74 / 1%	12 / 8%	3 / 0%	29 / 0%	58 / 0%	6 / 0%
26 / 0%	103 / 0%	304 / 0%	5 / 0%	143 / 0%	184 / 1%	130 / 2%	276 / 0%	77 / 0%	57 / 4%	221 / 1%	183 / 0%	39 / 0%
3 / 0%	15 / 0%	183 / 0%	2 / 0%	64 / 0%	28 / 0%	12 / 0%	169 / 0%	9 / 0%	5 / 0%	37 / 0%	143 / 0%	6 / 0%
13 / 0%	98 / 0%	260 / 0%	6 / 0%	175 / 1%	152 / 1%	85 / 1%	325 / 0%	64 / 2%	46 / 0%	264 / 1%	252 / 0%	37 / 0%
1 / 0%	8 / 0%	169 / 1%	1 / 0%	56 / 0%	11 / 0%	10 / 0%	135 / 0%	2 / 0%	3 / 0%	93 / 0%	123 / 1%	1 / 0%
0 / 0%	6 / 0%	34 / 0%	0 / 0%	54 / 0%	2 / 0%	2 / 0%	39 / 0%	0 / 0%	0 / 0%	53 / 0%	18 / 0%	0 / 0%
343 / 7%	1377 / 4%	1692 / 1%	235 / 2%	863 / 6%	1923 / 4%	1461 / 4%	1547 / 3%	934 / 5%	669 / 2%	1528 / 1%	1314 / 1%	594 / 4%

Attachment 15 - (3-4) Initial Test Volume and Failure Rate by Model Year and Test Station

*Stations without emissions inspections in 2017 have been omitted

050013	050014	050018	050027	050028	050030	050036	050037	050039	050040	050041	050043	050044
1 / 0%	23 / 4%	6 / 0%	8 / 25%	15 / 13%	3 / 0%	10 / 0%	1 / 0%	1 / 0%	1 / 0%	6 / 17%	9 / 0%	1 / 0%
6 / 17%	121 / 7%	21 / 0%	37 / 14%	18 / 6%	29 / 7%	56 / 13%	11 / 18%	21 / 14%	5 / 0%	22 / 9%	31 / 6%	6 / 0%
4 / 0%	49 / 10%	7 / 14%	16 / 0%	17 / 0%	8 / 0%	16 / 0%	4 / 0%	6 / 17%	1 / 0%	10 / 0%	7 / 0%	3 / 0%
10 / 10%	179 / 6%	41 / 7%	61 / 8%	43 / 9%	35 / 6%	77 / 9%	29 / 3%	12 / 8%	3 / 0%	43 / 9%	37 / 3%	15 / 7%
3 / 0%	54 / 11%	10 / 10%	20 / 0%	26 / 4%	11 / 0%	23 / 9%	7 / 29%	8 / 13%	0 / 0%	22 / 14%	17 / 12%	3 / 0%
13 / 15%	239 / 4%	48 / 8%	91 / 5%	48 / 4%	41 / 10%	106 / 6%	35 / 3%	25 / 12%	9 / 0%	44 / 11%	69 / 13%	18 / 0%
5 / 0%	51 / 2%	16 / 6%	18 / 0%	28 / 0%	15 / 7%	21 / 0%	3 / 0%	6 / 17%	4 / 0%	18 / 6%	25 / 4%	6 / 0%
16 / 0%	286 / 4%	56 / 4%	87 / 6%	53 / 2%	47 / 9%	159 / 8%	48 / 4%	53 / 8%	9 / 11%	71 / 6%	56 / 5%	26 / 12%
4 / 0%	73 / 4%	22 / 5%	26 / 4%	33 / 9%	10 / 10%	46 / 9%	2 / 0%	10 / 0%	3 / 0%	19 / 11%	15 / 13%	13 / 0%
25 / 0%	352 / 5%	89 / 4%	119 / 3%	80 / 4%	62 / 6%	200 / 4%	55 / 4%	41 / 7%	14 / 0%	46 / 0%	82 / 1%	46 / 0%
6 / 0%	60 / 0%	15 / 7%	25 / 0%	9 / 0%	16 / 6%	33 / 0%	14 / 0%	5 / 0%	0 / 0%	15 / 0%	18 / 6%	4 / 0%
17 / 6%	304 / 4%	59 / 0%	110 / 4%	55 / 4%	53 / 2%	233 / 2%	67 / 4%	33 / 3%	9 / 0%	61 / 2%	77 / 1%	61 / 0%
3 / 0%	48 / 4%	10 / 0%	21 / 5%	9 / 0%	8 / 0%	40 / 3%	9 / 11%	6 / 0%	3 / 0%	8 / 0%	15 / 7%	21 / 0%
10 / 0%	190 / 4%	45 / 2%	68 / 3%	32 / 0%	32 / 3%	158 / 2%	56 / 0%	40 / 5%	5 / 20%	33 / 0%	66 / 5%	36 / 0%
5 / 0%	32 / 0%	10 / 0%	11 / 0%	8 / 13%	7 / 0%	27 / 0%	7 / 0%	1 / 0%	3 / 0%	4 / 0%	15 / 0%	26 / 0%
13 / 0%	196 / 1%	64 / 2%	115 / 2%	33 / 3%	41 / 7%	207 / 1%	61 / 3%	37 / 5%	10 / 0%	42 / 2%	76 / 1%	85 / 0%
1 / 0%	31 / 0%	5 / 0%	14 / 0%	7 / 0%	3 / 0%	32 / 3%	9 / 22%	7 / 0%	1 / 0%	13 / 0%	20 / 0%	53 / 2%
10 / 0%	243 / 1%	61 / 0%	109 / 0%	49 / 0%	36 / 0%	278 / 0%	69 / 1%	38 / 0%	5 / 0%	39 / 3%	94 / 0%	171 / 0%
1 / 0%	25 / 0%	3 / 0%	15 / 0%	8 / 0%	1 / 0%	47 / 0%	13 / 0%	5 / 0%	1 / 0%	8 / 0%	17 / 0%	196 / 1%
11 / 0%	189 / 1%	50 / 0%	101 / 0%	29 / 0%	48 / 0%	253 / 0%	54 / 0%	36 / 0%	11 / 0%	34 / 0%	77 / 0%	250 / 0%
0 / 0%	12 / 0%	3 / 0%	6 / 0%	3 / 0%	4 / 0%	16 / 0%	3 / 0%	2 / 0%	1 / 0%	1 / 0%	5 / 0%	160 / 0%
0 / 0%	4 / 0%	0 / 0%	0 / 0%	0 / 0%	0 / 0%	3 / 0%	1 / 0%	0 / 0%	0 / 0%	0 / 0%	2 / 0%	28 / 0%
164 / 2%	2761 / 3%	641 / 3%	1078 / 4%	603 / 3%	510 / 3%	2041 / 3%	558 / 5%	393 / 5%	98 / 1%	559 / 4%	830 / 4%	1228 / 1%

Attachment 15 - (3-4) Initial Test Volume and Failure Rate by Model Year and Test Station

*Stations without emissions inspections in 2017 have been omitted

050046	050048	050050	050054	050055	050058	050059	050060	050061	050062	050063	050066	050068
5 / 20%	6 / 17%	2 / 0%	1 / 100%	2 / 50%	6 / 0%	12 / 8%	0 / 0%	1 / 0%	4 / 0%	5 / 20%	8 / 13%	0 / 0%
17 / 6%	6 / 0%	17 / 6%	11 / 9%	8 / 0%	11 / 0%	52 / 10%	9 / 0%	9 / 0%	33 / 12%	15 / 13%	45 / 16%	2 / 50%
8 / 13%	10 / 10%	2 / 0%	4 / 25%	2 / 0%	1 / 0%	18 / 0%	4 / 0%	2 / 0%	14 / 14%	10 / 0%	8 / 0%	2 / 0%
18 / 0%	19 / 5%	26 / 8%	10 / 10%	12 / 0%	20 / 5%	74 / 8%	12 / 8%	8 / 0%	52 / 10%	26 / 4%	53 / 4%	2 / 0%
7 / 0%	7 / 0%	8 / 0%	6 / 0%	0 / 0%	3 / 0%	25 / 4%	10 / 10%	9 / 11%	21 / 10%	26 / 8%	15 / 0%	2 / 0%
33 / 15%	10 / 0%	39 / 3%	16 / 13%	23 / 4%	17 / 6%	94 / 9%	18 / 0%	41 / 17%	56 / 9%	39 / 5%	65 / 6%	5 / 0%
6 / 17%	19 / 5%	10 / 0%	6 / 17%	7 / 0%	17 / 0%	48 / 4%	5 / 0%	9 / 0%	17 / 12%	46 / 2%	29 / 7%	0 / 0%
43 / 7%	39 / 5%	57 / 4%	14 / 36%	28 / 0%	20 / 5%	142 / 3%	14 / 7%	44 / 18%	95 / 15%	55 / 0%	89 / 4%	6 / 0%
12 / 0%	15 / 0%	14 / 7%	5 / 0%	10 / 0%	15 / 7%	66 / 2%	5 / 0%	13 / 0%	24 / 13%	50 / 0%	29 / 7%	0 / 0%
62 / 6%	25 / 12%	55 / 2%	14 / 0%	60 / 2%	31 / 3%	170 / 5%	18 / 11%	67 / 1%	84 / 8%	93 / 1%	118 / 4%	3 / 0%
10 / 10%	14 / 0%	6 / 33%	3 / 0%	13 / 0%	13 / 0%	57 / 4%	2 / 50%	6 / 17%	13 / 15%	63 / 3%	23 / 0%	2 / 0%
73 / 3%	15 / 0%	53 / 2%	17 / 6%	59 / 0%	26 / 0%	147 / 6%	21 / 0%	70 / 3%	75 / 5%	66 / 0%	125 / 1%	9 / 0%
7 / 0%	6 / 0%	12 / 0%	1 / 0%	21 / 0%	10 / 0%	49 / 0%	6 / 0%	14 / 0%	18 / 17%	44 / 0%	29 / 3%	0 / 0%
44 / 2%	14 / 0%	34 / 0%	10 / 0%	99 / 2%	13 / 0%	78 / 3%	18 / 6%	75 / 1%	34 / 3%	33 / 0%	65 / 2%	4 / 0%
8 / 0%	2 / 0%	6 / 0%	0 / 0%	29 / 3%	4 / 0%	20 / 0%	1 / 0%	7 / 0%	11 / 9%	11 / 0%	13 / 0%	0 / 0%
66 / 2%	10 / 0%	54 / 2%	10 / 0%	209 / 1%	15 / 0%	107 / 4%	22 / 0%	83 / 2%	56 / 2%	19 / 0%	92 / 0%	9 / 0%
8 / 0%	1 / 0%	9 / 0%	0 / 0%	68 / 0%	7 / 0%	31 / 0%	1 / 0%	15 / 0%	10 / 0%	6 / 0%	14 / 7%	0 / 0%
72 / 1%	12 / 0%	54 / 0%	21 / 0%	275 / 0%	5 / 0%	120 / 0%	30 / 0%	108 / 1%	71 / 0%	15 / 0%	109 / 0%	9 / 0%
9 / 0%	1 / 0%	5 / 0%	3 / 0%	179 / 0%	2 / 0%	8 / 0%	4 / 0%	13 / 0%	9 / 0%	4 / 0%	15 / 0%	0 / 0%
80 / 0%	9 / 0%	40 / 0%	15 / 7%	365 / 0%	9 / 0%	98 / 0%	17 / 0%	113 / 1%	47 / 2%	10 / 0%	93 / 0%	13 / 0%
3 / 0%	1 / 0%	6 / 0%	2 / 0%	125 / 0%	0 / 0%	9 / 0%	1 / 0%	15 / 0%	5 / 20%	2 / 0%	6 / 0%	0 / 0%
2 / 0%	0 / 0%	0 / 0%	0 / 0%	100 / 0%	0 / 0%	0 / 0%	1 / 0%	1 / 0%	0 / 0%	0 / 0%	2 / 0%	0 / 0%
593 / 5%	241 / 2%	509 / 3%	169 / 10%	1694 / 3%	245 / 1%	1425 / 3%	219 / 4%	723 / 3%	749 / 8%	638 / 3%	1045 / 3%	68 / 2%

Attachment 15 - (3-4) Initial Test Volume and Failure Rate by Model Year and Test Station

*Stations without emissions inspections in 2017 have been omitted

050070	050072	050073	050076	050077	050078	050079	050080	050086	050088	050090	050091	050095
2 / 0%	13 / 8%	11 / 9%	7 / 0%	6 / 0%	4 / 25%	6 / 0%	1 / 0%	8 / 0%	0 / 0%	8 / 13%	3 / 0%	0 / 0%
11 / 0%	38 / 16%	28 / 7%	23 / 17%	38 / 0%	24 / 4%	25 / 4%	6 / 0%	15 / 0%	4 / 0%	30 / 7%	8 / 13%	30 / 3%
5 / 0%	11 / 18%	18 / 11%	5 / 0%	11 / 0%	9 / 0%	6 / 0%	2 / 0%	5 / 0%	1 / 0%	9 / 0%	2 / 0%	11 / 0%
15 / 0%	67 / 3%	44 / 5%	46 / 4%	51 / 0%	43 / 9%	31 / 3%	14 / 0%	25 / 8%	2 / 50%	25 / 4%	21 / 5%	59 / 2%
3 / 0%	22 / 5%	23 / 4%	18 / 6%	11 / 0%	16 / 6%	7 / 0%	10 / 10%	11 / 0%	1 / 0%	8 / 13%	2 / 0%	17 / 0%
20 / 0%	81 / 5%	46 / 7%	80 / 10%	48 / 0%	51 / 6%	34 / 3%	24 / 13%	30 / 0%	5 / 0%	46 / 4%	24 / 13%	73 / 3%
4 / 0%	35 / 11%	27 / 0%	20 / 15%	15 / 0%	21 / 5%	20 / 5%	12 / 0%	22 / 0%	2 / 0%	11 / 0%	6 / 0%	20 / 5%
24 / 0%	118 / 5%	63 / 2%	115 / 10%	68 / 0%	58 / 5%	63 / 5%	34 / 0%	42 / 2%	6 / 0%	63 / 3%	29 / 3%	100 / 3%
13 / 8%	26 / 8%	28 / 4%	25 / 12%	10 / 0%	23 / 0%	16 / 0%	12 / 0%	15 / 7%	3 / 0%	11 / 0%	5 / 0%	19 / 0%
75 / 4%	118 / 4%	60 / 3%	148 / 4%	73 / 0%	82 / 6%	55 / 5%	44 / 9%	40 / 0%	9 / 0%	58 / 0%	31 / 3%	131 / 3%
16 / 0%	28 / 11%	26 / 0%	29 / 14%	12 / 0%	16 / 6%	21 / 0%	23 / 4%	18 / 0%	3 / 0%	16 / 6%	7 / 0%	16 / 6%
63 / 0%	130 / 5%	52 / 2%	184 / 7%	52 / 0%	67 / 3%	62 / 3%	56 / 0%	42 / 2%	11 / 9%	62 / 0%	43 / 2%	131 / 1%
22 / 0%	28 / 7%	20 / 0%	30 / 0%	9 / 0%	18 / 6%	19 / 0%	24 / 0%	5 / 0%	6 / 0%	14 / 0%	4 / 0%	15 / 0%
56 / 0%	77 / 4%	28 / 0%	138 / 1%	31 / 6%	52 / 0%	46 / 0%	31 / 3%	25 / 0%	6 / 0%	41 / 2%	21 / 0%	83 / 1%
20 / 0%	31 / 0%	3 / 0%	20 / 10%	5 / 0%	12 / 0%	19 / 0%	16 / 0%	8 / 0%	2 / 0%	12 / 0%	9 / 0%	8 / 0%
87 / 1%	105 / 4%	40 / 0%	167 / 1%	24 / 0%	42 / 0%	60 / 0%	35 / 0%	23 / 0%	7 / 0%	34 / 0%	43 / 0%	74 / 0%
34 / 0%	36 / 3%	11 / 0%	24 / 0%	3 / 0%	5 / 0%	13 / 0%	13 / 0%	5 / 0%	1 / 0%	8 / 0%	4 / 0%	9 / 0%
137 / 1%	114 / 2%	38 / 3%	227 / 1%	28 / 0%	65 / 0%	36 / 0%	38 / 0%	18 / 0%	15 / 0%	53 / 0%	47 / 0%	77 / 1%
59 / 0%	18 / 0%	4 / 0%	34 / 3%	2 / 0%	4 / 0%	13 / 0%	9 / 0%	1 / 0%	5 / 0%	9 / 0%	4 / 0%	6 / 0%
219 / 1%	97 / 0%	33 / 0%	174 / 1%	21 / 5%	43 / 2%	45 / 0%	30 / 0%	20 / 0%	15 / 0%	34 / 0%	37 / 0%	68 / 1%
25 / 0%	4 / 0%	0 / 0%	13 / 0%	2 / 0%	2 / 0%	4 / 0%	4 / 0%	2 / 0%	6 / 0%	2 / 0%	2 / 0%	5 / 0%
8 / 0%	2 / 0%	0 / 0%	3 / 0%	0 / 0%	1 / 0%	0 / 0%	2 / 0%	1 / 0%	1 / 0%	0 / 0%	0 / 0%	2 / 0%
918 / 1%	1199 / 5%	603 / 3%	1530 / 5%	520 / 1%	658 / 4%	601 / 1%	440 / 2%	381 / 1%	111 / 3%	554 / 2%	352 / 2%	954 / 1%

Attachment 15 - (3-4) Initial Test Volume and Failure Rate by Model Year and Test Station

*Stations without emissions inspections in 2017 have been omitted

050099	050101	050103	050104	050105	050107	050113	050114	050116	050118	050122	050123	050124
4 / 0%	2 / 0%	0 / 0%	2 / 0%	4 / 0%	5 / 20%	0 / 0%	2 / 0%	1 / 0%	0 / 0%	1 / 0%	4 / 0%	27 / 4%
16 / 6%	24 / 4%	6 / 0%	5 / 0%	21 / 5%	19 / 11%	13 / 0%	3 / 0%	8 / 13%	10 / 0%	11 / 0%	8 / 13%	57 / 5%
7 / 14%	10 / 0%	3 / 0%	5 / 0%	11 / 18%	8 / 13%	7 / 0%	0 / 0%	5 / 20%	5 / 0%	6 / 0%	4 / 0%	26 / 4%
25 / 4%	35 / 3%	6 / 0%	13 / 0%	39 / 10%	40 / 3%	22 / 5%	10 / 0%	24 / 4%	19 / 0%	28 / 11%	22 / 0%	103 / 6%
5 / 0%	11 / 9%	2 / 0%	2 / 0%	11 / 9%	10 / 20%	2 / 0%	4 / 0%	3 / 0%	5 / 0%	12 / 8%	15 / 0%	40 / 5%
27 / 11%	60 / 2%	7 / 0%	14 / 0%	41 / 2%	77 / 6%	38 / 3%	16 / 0%	24 / 13%	21 / 5%	40 / 5%	38 / 3%	115 / 9%
9 / 0%	19 / 0%	1 / 0%	6 / 0%	20 / 5%	18 / 17%	7 / 14%	3 / 0%	11 / 9%	9 / 0%	8 / 0%	37 / 0%	67 / 4%
30 / 3%	92 / 4%	7 / 14%	38 / 0%	59 / 10%	107 / 1%	38 / 3%	6 / 0%	17 / 0%	37 / 0%	51 / 6%	69 / 1%	157 / 6%
5 / 0%	17 / 6%	3 / 0%	14 / 0%	5 / 0%	21 / 5%	13 / 0%	1 / 0%	4 / 0%	11 / 0%	17 / 6%	42 / 0%	61 / 5%
33 / 0%	107 / 6%	23 / 0%	73 / 0%	57 / 2%	102 / 2%	57 / 0%	16 / 0%	32 / 3%	38 / 5%	81 / 5%	67 / 0%	163 / 2%
6 / 0%	22 / 9%	6 / 0%	16 / 0%	7 / 0%	19 / 5%	5 / 0%	3 / 0%	6 / 17%	6 / 0%	10 / 10%	37 / 0%	46 / 2%
32 / 3%	135 / 5%	25 / 8%	108 / 1%	68 / 6%	108 / 2%	48 / 2%	17 / 0%	30 / 0%	29 / 0%	124 / 2%	73 / 0%	195 / 2%
6 / 0%	17 / 0%	9 / 0%	36 / 3%	13 / 0%	21 / 10%	10 / 10%	2 / 0%	1 / 0%	11 / 0%	11 / 0%	52 / 0%	49 / 2%
22 / 0%	94 / 3%	26 / 0%	113 / 0%	39 / 0%	85 / 6%	36 / 3%	5 / 0%	25 / 0%	16 / 0%	86 / 6%	37 / 0%	126 / 2%
6 / 0%	9 / 0%	23 / 0%	51 / 0%	7 / 0%	14 / 0%	5 / 0%	0 / 0%	3 / 0%	6 / 0%	12 / 0%	27 / 0%	35 / 0%
19 / 0%	152 / 1%	40 / 0%	187 / 0%	50 / 0%	99 / 0%	32 / 0%	18 / 0%	21 / 0%	33 / 3%	128 / 3%	23 / 0%	159 / 1%
3 / 0%	16 / 0%	38 / 3%	76 / 0%	13 / 8%	19 / 0%	3 / 0%	1 / 0%	2 / 0%	1 / 0%	13 / 0%	12 / 0%	38 / 3%
26 / 0%	166 / 1%	81 / 0%	282 / 0%	45 / 2%	149 / 1%	43 / 0%	17 / 0%	20 / 0%	23 / 4%	190 / 1%	23 / 0%	149 / 1%
2 / 0%	19 / 0%	71 / 0%	148 / 0%	8 / 0%	20 / 0%	4 / 0%	2 / 0%	0 / 0%	0 / 0%	21 / 5%	2 / 0%	33 / 0%
19 / 0%	129 / 0%	141 / 0%	365 / 0%	50 / 0%	113 / 2%	25 / 4%	15 / 0%	18 / 0%	25 / 0%	162 / 1%	13 / 0%	123 / 1%
1 / 0%	7 / 0%	59 / 0%	123 / 1%	8 / 0%	11 / 0%	1 / 0%	2 / 0%	0 / 0%	0 / 0%	13 / 0%	0 / 0%	34 / 0%
1 / 0%	0 / 0%	17 / 0%	31 / 0%	0 / 0%	2 / 0%	0 / 0%	0 / 0%	0 / 0%	0 / 0%	3 / 0%	1 / 0%	1 / 0%
304 / 2%	1143 / 2%	594 / 1%	1708 / 0%	576 / 4%	1067 / 6%	409 / 2%	143 / 0%	255 / 4%	305 / 1%	1028 / 3%	606 / 1%	1804 / 3%

Attachment 15 - (3-4) Initial Test Volume and Failure Rate by Model Year and Test Station

*Stations without emissions inspections in 2017 have been omitted

050129	050135	050136	050140	050144	050145	050150	050155	050160	050161	050167	050174	050175
2 / 0%	1 / 100%	5 / 0%	2 / 0%	2 / 0%	9 / 11%	2 / 0%	5 / 0%	23 / 4%	1 / 0%	4 / 0%	2 / 0%	6 / 33%
12 / 8%	20 / 0%	21 / 10%	23 / 9%	21 / 24%	39 / 18%	2 / 50%	30 / 3%	70 / 9%	14 / 21%	23 / 4%	18 / 0%	18 / 6%
7 / 0%	6 / 0%	7 / 0%	11 / 0%	7 / 0%	9 / 11%	1 / 0%	10 / 10%	24 / 4%	4 / 0%	6 / 0%	2 / 0%	1 / 0%
21 / 0%	24 / 4%	40 / 8%	39 / 3%	30 / 7%	63 / 3%	4 / 0%	43 / 2%	130 / 4%	32 / 9%	43 / 5%	33 / 12%	24 / 0%
9 / 0%	5 / 0%	9 / 0%	8 / 0%	5 / 0%	25 / 4%	0 / 0%	17 / 6%	37 / 5%	7 / 0%	20 / 5%	6 / 17%	11 / 0%
39 / 0%	30 / 7%	69 / 3%	49 / 2%	48 / 6%	55 / 15%	6 / 17%	53 / 2%	128 / 8%	46 / 4%	55 / 2%	32 / 0%	33 / 0%
8 / 0%	5 / 40%	11 / 9%	14 / 0%	6 / 0%	35 / 6%	1 / 0%	11 / 0%	48 / 2%	8 / 0%	21 / 0%	5 / 0%	9 / 0%
51 / 2%	40 / 8%	68 / 4%	75 / 0%	49 / 6%	99 / 10%	5 / 0%	81 / 4%	173 / 6%	55 / 5%	70 / 3%	51 / 2%	40 / 3%
12 / 8%	11 / 0%	16 / 6%	22 / 0%	6 / 0%	20 / 0%	0 / 0%	18 / 11%	51 / 6%	14 / 0%	21 / 0%	7 / 0%	8 / 13%
45 / 2%	42 / 5%	68 / 1%	114 / 1%	56 / 5%	117 / 7%	14 / 0%	86 / 1%	189 / 5%	78 / 4%	95 / 2%	56 / 2%	40 / 5%
8 / 0%	11 / 9%	16 / 0%	22 / 0%	6 / 0%	22 / 0%	1 / 0%	20 / 0%	36 / 3%	11 / 0%	38 / 8%	9 / 0%	9 / 0%
59 / 0%	49 / 2%	72 / 3%	98 / 0%	75 / 5%	133 / 4%	12 / 0%	100 / 0%	184 / 2%	87 / 3%	135 / 2%	49 / 4%	32 / 0%
9 / 0%	7 / 14%	20 / 0%	12 / 0%	4 / 0%	14 / 0%	1 / 0%	9 / 0%	26 / 4%	12 / 0%	30 / 0%	6 / 17%	3 / 0%
31 / 0%	36 / 0%	53 / 0%	93 / 2%	37 / 0%	71 / 3%	1 / 0%	63 / 0%	111 / 1%	69 / 3%	73 / 0%	29 / 3%	10 / 0%
5 / 0%	5 / 0%	12 / 0%	18 / 0%	7 / 0%	17 / 0%	0 / 0%	5 / 0%	12 / 0%	13 / 0%	20 / 0%	5 / 0%	2 / 0%
51 / 0%	36 / 6%	66 / 2%	104 / 0%	50 / 0%	99 / 3%	6 / 0%	68 / 1%	117 / 3%	69 / 1%	81 / 2%	41 / 0%	17 / 0%
7 / 0%	7 / 0%	5 / 0%	11 / 0%	5 / 0%	19 / 0%	0 / 0%	6 / 0%	16 / 6%	10 / 20%	22 / 0%	4 / 0%	2 / 0%
60 / 0%	26 / 0%	87 / 3%	148 / 0%	45 / 0%	89 / 0%	3 / 0%	102 / 0%	141 / 0%	89 / 2%	95 / 0%	37 / 0%	12 / 0%
3 / 0%	1 / 0%	10 / 0%	15 / 0%	7 / 0%	13 / 0%	0 / 0%	4 / 0%	14 / 0%	12 / 0%	19 / 0%	6 / 0%	5 / 0%
55 / 0%	13 / 0%	86 / 0%	139 / 1%	48 / 0%	84 / 0%	4 / 0%	64 / 0%	112 / 1%	67 / 0%	77 / 0%	33 / 0%	8 / 0%
2 / 0%	1 / 0%	3 / 0%	12 / 0%	6 / 0%	1 / 0%	0 / 0%	7 / 0%	3 / 0%	4 / 0%	12 / 0%	3 / 0%	0 / 0%
1 / 0%	0 / 0%	1 / 0%	3 / 0%	0 / 0%	0 / 0%	0 / 0%	3 / 0%	0 / 0%	1 / 0%	2 / 0%	0 / 0%	0 / 0%
497 / 1%	376 / 9%	745 / 2%	1032 / 1%	520 / 2%	1033 / 4%	63 / 3%	805 / 2%	1645 / 3%	703 / 3%	962 / 2%	434 / 3%	290 / 3%

Attachment 15 - (3-4) Initial Test Volume and Failure Rate by Model Year and Test Station

*Stations without emissions inspections in 2017 have been omitted

050183	050190	050191	050199	050202	050205	050207	050209	050213	050216	050224	050225	050226
7 / 14%	6 / 17%	5 / 0%	18 / 17%	4 / 0%	1 / 0%	3 / 0%	8 / 25%	7 / 14%	0 / 0%	11 / 9%	1 / 100%	1 / 0%
26 / 8%	13 / 8%	41 / 2%	77 / 6%	30 / 7%	10 / 10%	17 / 12%	43 / 7%	27 / 4%	1 / 0%	51 / 2%	20 / 15%	4 / 0%
12 / 8%	13 / 0%	10 / 0%	23 / 9%	10 / 10%	3 / 33%	5 / 0%	10 / 0%	10 / 20%	0 / 0%	24 / 0%	7 / 29%	3 / 0%
54 / 6%	52 / 13%	67 / 0%	121 / 3%	63 / 6%	13 / 0%	36 / 0%	69 / 6%	43 / 12%	1 / 0%	67 / 3%	33 / 9%	14 / 0%
11 / 18%	18 / 11%	18 / 0%	34 / 6%	18 / 0%	4 / 0%	8 / 0%	10 / 20%	24 / 8%	0 / 0%	30 / 3%	8 / 0%	2 / 0%
46 / 7%	72 / 7%	63 / 0%	157 / 10%	82 / 6%	21 / 0%	42 / 5%	78 / 6%	38 / 11%	2 / 0%	80 / 3%	33 / 12%	15 / 7%
17 / 6%	19 / 5%	20 / 0%	35 / 9%	16 / 19%	9 / 0%	11 / 9%	19 / 0%	25 / 8%	0 / 0%	36 / 0%	10 / 0%	3 / 0%
70 / 7%	103 / 6%	97 / 0%	166 / 5%	104 / 9%	37 / 0%	60 / 7%	134 / 5%	53 / 4%	3 / 0%	118 / 6%	37 / 0%	31 / 3%
12 / 8%	16 / 0%	10 / 0%	44 / 5%	25 / 8%	14 / 0%	12 / 8%	26 / 8%	22 / 9%	9 / 0%	47 / 0%	7 / 0%	7 / 0%
58 / 2%	156 / 6%	104 / 0%	214 / 6%	159 / 4%	46 / 0%	78 / 4%	157 / 2%	46 / 2%	42 / 0%	112 / 4%	65 / 2%	43 / 0%
9 / 0%	27 / 4%	11 / 0%	44 / 2%	38 / 3%	10 / 0%	11 / 9%	21 / 0%	12 / 0%	64 / 2%	52 / 0%	11 / 0%	3 / 0%
48 / 4%	183 / 7%	97 / 0%	245 / 3%	189 / 2%	50 / 0%	73 / 8%	144 / 3%	31 / 3%	114 / 0%	133 / 2%	69 / 1%	23 / 9%
9 / 0%	37 / 5%	12 / 0%	38 / 3%	17 / 0%	8 / 0%	10 / 10%	24 / 0%	7 / 0%	141 / 1%	31 / 0%	15 / 7%	5 / 0%
40 / 0%	160 / 2%	50 / 0%	177 / 4%	150 / 3%	57 / 0%	58 / 5%	95 / 0%	29 / 7%	131 / 1%	56 / 11%	52 / 6%	31 / 0%
4 / 0%	57 / 2%	7 / 0%	37 / 0%	16 / 0%	23 / 0%	9 / 11%	16 / 0%	10 / 0%	184 / 0%	12 / 0%	9 / 0%	3 / 0%
38 / 0%	242 / 1%	47 / 0%	242 / 1%	209 / 2%	89 / 1%	72 / 3%	92 / 1%	21 / 5%	131 / 0%	68 / 1%	69 / 0%	31 / 3%
3 / 0%	83 / 1%	9 / 0%	62 / 0%	35 / 3%	22 / 0%	10 / 0%	10 / 0%	6 / 0%	132 / 0%	10 / 0%	7 / 0%	4 / 0%
56 / 0%	305 / 1%	61 / 0%	268 / 1%	285 / 1%	174 / 1%	81 / 1%	96 / 0%	27 / 4%	93 / 0%	61 / 0%	76 / 1%	30 / 0%
6 / 0%	133 / 0%	12 / 0%	92 / 0%	22 / 0%	70 / 0%	11 / 0%	11 / 0%	5 / 0%	59 / 0%	3 / 0%	5 / 0%	0 / 0%
30 / 0%	347 / 0%	62 / 0%	240 / 0%	214 / 0%	151 / 0%	53 / 0%	89 / 1%	18 / 0%	30 / 0%	55 / 0%	67 / 1%	32 / 3%
6 / 0%	120 / 0%	4 / 0%	40 / 0%	16 / 0%	36 / 0%	5 / 0%	4 / 0%	1 / 0%	0 / 0%	2 / 0%	6 / 0%	1 / 0%
0 / 0%	22 / 0%	0 / 0%	5 / 0%	1 / 0%	18 / 0%	1 / 0%	2 / 0%	0 / 0%	0 / 0%	0 / 0%	0 / 0%	0 / 0%
562 / 4%	2184 / 4%	807 / 0%	2379 / 4%	1703 / 4%	866 / 2%	666 / 4%	1158 / 4%	462 / 5%	1137 / 0%	1059 / 2%	607 / 8%	286 / 1%

Attachment 15 - (3-4) Initial Test Volume and Failure Rate by Model Year and Test Station

*Stations without emissions inspections in 2017 have been omitted

050228	050229	050230	050231	050232	050234	050235	050239	050241	050245	050246	050254	050256
2 / 0%	3 / 33%	9 / 11%	3 / 0%	5 / 0%	3 / 0%	0 / 0%	10 / 10%	2 / 0%	0 / 0%	5 / 0%	1 / 0%	7 / 0%
16 / 0%	10 / 20%	34 / 9%	16 / 13%	12 / 0%	6 / 0%	4 / 0%	34 / 6%	13 / 8%	2 / 0%	15 / 0%	3 / 0%	35 / 0%
4 / 0%	9 / 11%	23 / 4%	2 / 50%	4 / 0%	4 / 0%	7 / 0%	15 / 20%	10 / 10%	3 / 0%	5 / 0%	2 / 0%	13 / 15%
31 / 10%	17 / 6%	38 / 0%	30 / 3%	18 / 11%	10 / 0%	13 / 8%	72 / 3%	40 / 5%	16 / 0%	24 / 0%	7 / 0%	43 / 7%
14 / 21%	4 / 0%	31 / 3%	10 / 10%	4 / 0%	8 / 0%	7 / 0%	21 / 10%	15 / 0%	4 / 0%	7 / 0%	2 / 0%	18 / 0%
30 / 0%	17 / 18%	54 / 2%	55 / 5%	14 / 0%	8 / 0%	19 / 0%	101 / 11%	54 / 13%	17 / 0%	46 / 7%	4 / 0%	54 / 4%
17 / 24%	6 / 33%	34 / 0%	10 / 20%	8 / 13%	6 / 17%	18 / 0%	34 / 9%	15 / 0%	4 / 0%	13 / 0%	4 / 0%	16 / 13%
49 / 6%	22 / 14%	86 / 3%	64 / 5%	24 / 4%	21 / 0%	13 / 0%	142 / 8%	60 / 8%	22 / 0%	53 / 2%	6 / 0%	81 / 5%
19 / 0%	6 / 0%	34 / 0%	12 / 0%	7 / 0%	10 / 10%	14 / 7%	25 / 4%	13 / 0%	14 / 0%	11 / 0%	2 / 0%	31 / 3%
74 / 3%	30 / 3%	69 / 0%	91 / 5%	27 / 0%	31 / 10%	14 / 7%	206 / 2%	78 / 4%	48 / 0%	55 / 0%	11 / 9%	89 / 0%
17 / 18%	7 / 0%	28 / 0%	17 / 6%	8 / 0%	4 / 0%	9 / 0%	46 / 7%	17 / 6%	15 / 0%	7 / 0%	1 / 0%	22 / 14%
76 / 4%	23 / 0%	90 / 1%	112 / 2%	21 / 0%	24 / 0%	11 / 0%	215 / 3%	96 / 4%	67 / 0%	48 / 2%	7 / 0%	89 / 4%
25 / 4%	2 / 0%	18 / 0%	13 / 8%	3 / 0%	5 / 0%	8 / 0%	39 / 5%	14 / 14%	35 / 0%	8 / 0%	3 / 0%	23 / 0%
63 / 2%	14 / 7%	46 / 0%	102 / 5%	11 / 0%	19 / 0%	4 / 0%	211 / 3%	78 / 3%	98 / 2%	29 / 0%	3 / 0%	55 / 0%
14 / 0%	4 / 25%	16 / 0%	16 / 19%	0 / 0%	7 / 0%	1 / 0%	41 / 2%	15 / 0%	47 / 0%	7 / 0%	2 / 0%	16 / 0%
85 / 2%	10 / 0%	68 / 0%	132 / 2%	11 / 0%	28 / 0%	3 / 0%	262 / 1%	103 / 2%	216 / 0%	44 / 0%	4 / 0%	61 / 2%
16 / 0%	3 / 0%	8 / 0%	7 / 0%	2 / 0%	4 / 0%	1 / 0%	48 / 2%	14 / 7%	164 / 1%	7 / 0%	0 / 0%	11 / 9%
202 / 0%	7 / 0%	66 / 0%	123 / 0%	12 / 0%	16 / 0%	4 / 0%	375 / 1%	70 / 0%	311 / 0%	34 / 0%	3 / 0%	46 / 2%
40 / 0%	1 / 0%	21 / 0%	10 / 0%	1 / 0%	3 / 0%	1 / 0%	57 / 2%	9 / 0%	379 / 0%	6 / 0%	0 / 0%	8 / 0%
206 / 0%	12 / 0%	60 / 2%	109 / 1%	9 / 0%	26 / 0%	6 / 0%	313 / 0%	54 / 0%	445 / 0%	30 / 0%	1 / 0%	35 / 0%
17 / 0%	0 / 0%	16 / 0%	7 / 0%	2 / 0%	1 / 0%	0 / 0%	19 / 0%	5 / 0%	259 / 0%	2 / 0%	0 / 0%	3 / 0%
4 / 0%	0 / 0%	3 / 0%	1 / 0%	0 / 0%	0 / 0%	0 / 0%	5 / 0%	0 / 0%	223 / 0%	1 / 0%	0 / 0%	0 / 0%
1021 / 4%	207 / 8%	852 / 2%	942 / 7%	203 / 1%	244 / 2%	157 / 1%	2291 / 5%	775 / 4%	2389 / 0%	457 / 0%	66 / 0%	756 / 4%

Attachment 15 - (3-4) Initial Test Volume and Failure Rate by Model Year and Test Station

*Stations without emissions inspections in 2017 have been omitted

050257	050260	050261	092001	092004	092008	092009	092010	092011	092013	092015	092016	092018
3 / 33%	4 / 25%	5 / 20%	3 / 0%	0 / 0%	10 / 0%	4 / 0%	3 / 33%	1 / 0%	2 / 0%	1 / 0%	5 / 0%	1 / 0%
30 / 10%	27 / 19%	31 / 3%	16 / 19%	27 / 4%	18 / 17%	16 / 6%	1 / 0%	24 / 0%	20 / 0%	24 / 13%	17 / 0%	33 / 0%
8 / 0%	10 / 0%	11 / 18%	5 / 0%	5 / 0%	15 / 33%	10 / 0%	3 / 0%	7 / 0%	7 / 0%	5 / 0%	7 / 0%	4 / 0%
60 / 8%	55 / 5%	39 / 5%	32 / 0%	36 / 0%	46 / 0%	48 / 8%	3 / 0%	39 / 0%	42 / 2%	57 / 0%	35 / 3%	52 / 2%
13 / 0%	29 / 10%	10 / 10%	8 / 13%	9 / 33%	17 / 6%	10 / 10%	0 / 0%	5 / 0%	10 / 0%	15 / 0%	7 / 0%	9 / 0%
66 / 3%	51 / 2%	44 / 2%	46 / 7%	46 / 7%	89 / 2%	55 / 7%	7 / 0%	57 / 4%	56 / 4%	51 / 4%	49 / 0%	70 / 7%
25 / 12%	29 / 3%	22 / 9%	18 / 17%	8 / 13%	36 / 8%	15 / 0%	0 / 0%	18 / 0%	13 / 8%	9 / 11%	15 / 0%	15 / 7%
120 / 1%	50 / 8%	57 / 5%	55 / 4%	75 / 3%	116 / 4%	66 / 6%	11 / 0%	87 / 2%	79 / 5%	66 / 5%	41 / 0%	101 / 7%
29 / 14%	27 / 4%	18 / 0%	14 / 0%	6 / 0%	40 / 5%	11 / 0%	5 / 0%	9 / 0%	20 / 15%	16 / 0%	14 / 7%	18 / 11%
169 / 8%	84 / 4%	74 / 1%	108 / 4%	83 / 4%	182 / 5%	90 / 8%	15 / 7%	130 / 2%	106 / 2%	101 / 2%	79 / 1%	135 / 4%
36 / 6%	31 / 3%	17 / 12%	15 / 0%	13 / 8%	30 / 3%	25 / 4%	3 / 0%	18 / 0%	19 / 0%	6 / 0%	15 / 7%	12 / 8%
230 / 5%	57 / 7%	66 / 3%	157 / 3%	77 / 4%	218 / 5%	83 / 10%	11 / 0%	129 / 3%	140 / 2%	83 / 5%	74 / 3%	161 / 4%
33 / 0%	30 / 0%	12 / 0%	14 / 7%	14 / 7%	44 / 2%	17 / 0%	1 / 0%	31 / 3%	17 / 0%	19 / 0%	7 / 0%	20 / 5%
157 / 1%	32 / 3%	41 / 5%	98 / 1%	67 / 1%	161 / 2%	67 / 6%	10 / 0%	116 / 2%	116 / 2%	64 / 3%	58 / 0%	119 / 1%
28 / 4%	12 / 0%	12 / 0%	22 / 0%	5 / 20%	41 / 7%	15 / 7%	1 / 0%	43 / 0%	18 / 0%	12 / 0%	13 / 0%	20 / 10%
237 / 1%	31 / 3%	60 / 3%	135 / 2%	62 / 0%	229 / 3%	77 / 5%	14 / 0%	211 / 1%	145 / 1%	72 / 1%	45 / 2%	148 / 1%
43 / 0%	10 / 0%	2 / 0%	28 / 0%	9 / 0%	43 / 0%	6 / 0%	1 / 0%	62 / 0%	23 / 0%	14 / 0%	8 / 0%	14 / 7%
331 / 2%	28 / 4%	37 / 0%	143 / 0%	66 / 0%	263 / 1%	79 / 0%	23 / 0%	372 / 0%	180 / 1%	80 / 0%	64 / 0%	170 / 1%
38 / 0%	4 / 0%	10 / 10%	54 / 0%	8 / 0%	30 / 0%	10 / 0%	1 / 0%	177 / 0%	27 / 0%	5 / 0%	11 / 0%	25 / 0%
319 / 0%	25 / 0%	43 / 0%	109 / 0%	79 / 1%	223 / 1%	58 / 0%	19 / 0%	433 / 0%	142 / 0%	67 / 0%	44 / 0%	136 / 0%
24 / 0%	3 / 0%	3 / 0%	10 / 0%	3 / 0%	16 / 6%	5 / 0%	1 / 0%	153 / 0%	13 / 0%	9 / 0%	3 / 0%	11 / 0%
4 / 0%	1 / 0%	0 / 0%	3 / 0%	0 / 0%	6 / 17%	3 / 0%	0 / 0%	59 / 0%	1 / 0%	2 / 0%	2 / 0%	0 / 0%
2003 / 5%	630 / 5%	614 / 5%	1093 / 3%	698 / 5%	1873 / 6%	770 / 4%	133 / 2%	2181 / 1%	1196 / 2%	778 / 2%	613 / 1%	1274 / 3%

Attachment 15 - (3-4) Initial Test Volume and Failure Rate by Model Year and Test Station

*Stations without emissions inspections in 2017 have been omitted

092019	092020	092021	092022	092023	092024	092027	092028	092029	092030	092033	092034	092035
2 / 0%	7 / 0%	3 / 0%	4 / 0%	1 / 0%	1 / 0%	0 / 0%	0 / 0%	2 / 0%	1 / 0%	2 / 0%	1 / 0%	3 / 33%
2 / 0%	26 / 0%	33 / 9%	23 / 0%	2 / 0%	20 / 5%	8 / 0%	3 / 0%	25 / 0%	4 / 0%	17 / 6%	0 / 0%	19 / 16%
0 / 0%	7 / 0%	9 / 22%	5 / 20%	8 / 0%	5 / 0%	2 / 0%	1 / 0%	5 / 20%	1 / 0%	4 / 25%	0 / 0%	1 / 0%
9 / 0%	40 / 3%	46 / 11%	31 / 3%	11 / 9%	42 / 2%	15 / 0%	7 / 0%	37 / 0%	15 / 0%	26 / 0%	1 / 0%	36 / 6%
2 / 0%	13 / 0%	8 / 0%	7 / 14%	4 / 0%	16 / 13%	3 / 0%	0 / 0%	8 / 0%	3 / 33%	17 / 18%	1 / 0%	11 / 9%
12 / 8%	64 / 2%	51 / 4%	54 / 2%	20 / 0%	59 / 3%	28 / 0%	8 / 0%	60 / 5%	15 / 0%	38 / 0%	4 / 0%	37 / 11%
2 / 0%	10 / 0%	14 / 7%	20 / 0%	6 / 0%	25 / 8%	16 / 0%	1 / 0%	10 / 0%	2 / 0%	12 / 0%	3 / 0%	9 / 11%
19 / 5%	108 / 3%	81 / 15%	91 / 12%	13 / 0%	86 / 2%	56 / 2%	13 / 8%	84 / 5%	23 / 4%	35 / 11%	6 / 0%	40 / 8%
1 / 0%	12 / 0%	21 / 5%	11 / 9%	6 / 0%	37 / 5%	36 / 0%	10 / 0%	19 / 5%	4 / 0%	13 / 8%	5 / 0%	6 / 17%
17 / 0%	152 / 1%	85 / 9%	116 / 1%	28 / 7%	135 / 4%	74 / 0%	34 / 0%	100 / 2%	28 / 4%	73 / 3%	14 / 0%	60 / 0%
6 / 0%	27 / 0%	21 / 0%	35 / 6%	12 / 0%	46 / 2%	67 / 0%	8 / 0%	11 / 9%	4 / 25%	17 / 6%	19 / 0%	9 / 11%
18 / 0%	179 / 1%	102 / 1%	127 / 2%	51 / 0%	180 / 2%	145 / 0%	34 / 9%	108 / 7%	38 / 0%	60 / 3%	22 / 9%	43 / 9%
3 / 0%	21 / 0%	10 / 0%	29 / 0%	27 / 11%	51 / 4%	87 / 0%	24 / 8%	22 / 0%	2 / 0%	18 / 0%	15 / 0%	7 / 0%
10 / 20%	124 / 0%	62 / 6%	122 / 2%	27 / 0%	129 / 4%	198 / 1%	38 / 0%	78 / 1%	17 / 0%	46 / 4%	34 / 3%	31 / 0%
4 / 0%	17 / 0%	4 / 0%	20 / 0%	25 / 8%	47 / 0%	80 / 0%	19 / 0%	10 / 0%	0 / 0%	13 / 0%	34 / 0%	7 / 0%
10 / 0%	149 / 0%	40 / 3%	172 / 1%	55 / 4%	213 / 1%	328 / 0%	91 / 3%	84 / 0%	14 / 0%	55 / 0%	48 / 0%	40 / 0%
11 / 0%	16 / 0%	2 / 0%	24 / 4%	67 / 4%	38 / 0%	159 / 0%	47 / 0%	11 / 0%	1 / 0%	3 / 0%	56 / 0%	5 / 0%
14 / 0%	157 / 0%	68 / 0%	246 / 1%	116 / 1%	258 / 0%	576 / 0%	150 / 1%	101 / 0%	37 / 0%	58 / 0%	109 / 0%	53 / 0%
7 / 0%	20 / 0%	7 / 0%	32 / 0%	102 / 2%	55 / 0%	282 / 0%	104 / 1%	19 / 11%	3 / 0%	11 / 0%	194 / 0%	3 / 0%
8 / 0%	132 / 0%	36 / 0%	242 / 1%	105 / 2%	263 / 1%	546 / 0%	281 / 0%	105 / 1%	28 / 0%	58 / 2%	61 / 0%	47 / 0%
7 / 0%	5 / 0%	3 / 0%	28 / 0%	30 / 0%	21 / 0%	188 / 0%	109 / 0%	13 / 0%	0 / 0%	3 / 0%	21 / 0%	1 / 0%
1 / 0%	3 / 0%	0 / 0%	14 / 0%	5 / 0%	12 / 0%	227 / 0%	21 / 5%	0 / 0%	0 / 0%	1 / 0%	4 / 0%	1 / 0%
165 / 2%	1289 / 0%	706 / 4%	1453 / 4%	721 / 2%	1739 / 3%	3121 / 0%	1003 / 2%	912 / 3%	240 / 3%	580 / 4%	652 / 1%	469 / 6%

Attachment 15 - (3-4) Initial Test Volume and Failure Rate by Model Year and Test Station

*Stations without emissions inspections in 2017 have been omitted

092039	092040	092041	092042	092043	092045	092046	092047	092048	092049	092052	092054	092055
1 / 100%	1 / 100%	13 / 0%	1 / 0%	3 / 0%	2 / 0%	2 / 50%	5 / 20%	4 / 50%	2 / 0%	2 / 0%	3 / 33%	2 / 0%
16 / 0%	24 / 4%	38 / 5%	13 / 0%	17 / 0%	19 / 5%	20 / 5%	9 / 0%	23 / 4%	13 / 0%	9 / 0%	23 / 9%	12 / 8%
2 / 0%	9 / 11%	19 / 0%	3 / 33%	9 / 0%	4 / 0%	4 / 0%	14 / 7%	9 / 0%	5 / 0%	3 / 0%	4 / 0%	2 / 0%
24 / 4%	55 / 4%	81 / 5%	14 / 7%	31 / 16%	48 / 4%	41 / 12%	32 / 9%	27 / 4%	30 / 10%	9 / 11%	36 / 8%	11 / 0%
7 / 0%	8 / 25%	31 / 10%	7 / 0%	8 / 0%	2 / 0%	22 / 9%	12 / 17%	10 / 10%	7 / 0%	3 / 0%	8 / 0%	6 / 17%
24 / 4%	67 / 4%	125 / 3%	37 / 8%	43 / 14%	52 / 2%	66 / 12%	52 / 4%	48 / 6%	36 / 0%	25 / 4%	58 / 9%	22 / 5%
6 / 0%	13 / 8%	58 / 3%	9 / 0%	12 / 17%	10 / 20%	16 / 13%	18 / 0%	15 / 13%	12 / 0%	5 / 0%	14 / 0%	7 / 0%
48 / 2%	105 / 3%	202 / 3%	71 / 1%	51 / 8%	74 / 1%	101 / 4%	73 / 4%	53 / 8%	66 / 2%	68 / 0%	84 / 7%	41 / 2%
12 / 8%	23 / 17%	70 / 3%	22 / 0%	22 / 5%	10 / 0%	24 / 4%	21 / 5%	24 / 8%	15 / 7%	8 / 13%	22 / 18%	5 / 20%
56 / 0%	164 / 2%	270 / 2%	102 / 0%	48 / 13%	74 / 1%	134 / 6%	108 / 2%	101 / 8%	112 / 2%	92 / 3%	129 / 5%	48 / 2%
13 / 0%	21 / 0%	91 / 1%	42 / 0%	22 / 14%	11 / 0%	19 / 0%	28 / 7%	22 / 9%	18 / 0%	25 / 0%	10 / 10%	8 / 0%
46 / 2%	200 / 3%	342 / 2%	265 / 1%	45 / 11%	89 / 3%	156 / 4%	137 / 4%	94 / 5%	148 / 1%	158 / 1%	153 / 4%	65 / 3%
6 / 0%	34 / 18%	87 / 2%	85 / 0%	14 / 0%	10 / 20%	20 / 0%	31 / 6%	22 / 5%	27 / 0%	36 / 0%	14 / 14%	5 / 0%
42 / 0%	167 / 3%	259 / 0%	255 / 0%	30 / 3%	51 / 0%	119 / 2%	118 / 3%	86 / 2%	208 / 3%	159 / 0%	139 / 2%	44 / 0%
8 / 0%	31 / 3%	70 / 1%	80 / 0%	11 / 0%	6 / 0%	16 / 6%	27 / 0%	16 / 6%	46 / 0%	30 / 0%	20 / 0%	2 / 0%
52 / 0%	225 / 1%	344 / 0%	293 / 0%	27 / 0%	79 / 0%	141 / 1%	129 / 0%	78 / 3%	300 / 1%	145 / 1%	143 / 0%	47 / 0%
7 / 0%	22 / 0%	72 / 0%	116 / 0%	4 / 0%	8 / 0%	14 / 0%	19 / 5%	18 / 0%	81 / 0%	63 / 0%	16 / 0%	8 / 0%
32 / 0%	279 / 1%	425 / 1%	434 / 0%	19 / 5%	93 / 0%	181 / 2%	204 / 0%	85 / 2%	471 / 1%	284 / 0%	186 / 1%	67 / 0%
9 / 0%	41 / 0%	78 / 3%	217 / 0%	7 / 14%	5 / 0%	19 / 0%	36 / 0%	24 / 0%	474 / 0%	161 / 0%	23 / 0%	6 / 0%
37 / 0%	209 / 0%	392 / 1%	508 / 0%	15 / 0%	74 / 0%	146 / 0%	189 / 1%	74 / 1%	609 / 0%	375 / 0%	147 / 1%	58 / 2%
4 / 0%	16 / 0%	40 / 0%	95 / 0%	3 / 0%	5 / 0%	8 / 0%	20 / 10%	11 / 0%	151 / 0%	128 / 0%	13 / 0%	4 / 0%
1 / 0%	4 / 0%	8 / 0%	44 / 0%	1 / 0%	1 / 0%	1 / 0%	8 / 0%	1 / 0%	184 / 0%	25 / 0%	3 / 0%	0 / 0%
453 / 5%	1718 / 9%	3115 / 2%	2713 / 2%	442 / 5%	727 / 3%	1270 / 6%	1290 / 5%	845 / 7%	3015 / 1%	1813 / 1%	1248 / 6%	470 / 3%

Attachment 15 - (3-4) Initial Test Volume and Failure Rate by Model Year and Test Station

*Stations without emissions inspections in 2017 have been omitted

092056	092057	092058	092061	092063	092064	092065	092066	092067	092068	092069	092070	092071
0 / 0%	4 / 25%	3 / 33%	1 / 0%	0 / 0%	2 / 0%	2 / 50%	7 / 14%	1 / 0%	3 / 0%	1 / 0%	0 / 0%	3 / 0%
8 / 0%	21 / 14%	37 / 5%	0 / 0%	19 / 16%	8 / 13%	17 / 6%	5 / 0%	1 / 0%	11 / 9%	20 / 5%	0 / 0%	21 / 5%
3 / 0%	5 / 40%	14 / 0%	0 / 0%	3 / 0%	2 / 0%	3 / 0%	8 / 13%	4 / 0%	4 / 0%	5 / 0%	0 / 0%	7 / 0%
18 / 6%	49 / 10%	73 / 5%	1 / 0%	24 / 0%	18 / 0%	30 / 7%	19 / 0%	6 / 0%	19 / 11%	40 / 3%	2 / 0%	26 / 4%
6 / 0%	13 / 0%	20 / 15%	2 / 0%	1 / 100%	10 / 0%	11 / 18%	17 / 0%	2 / 0%	8 / 0%	9 / 0%	0 / 0%	10 / 10%
26 / 0%	73 / 8%	108 / 6%	7 / 14%	26 / 4%	17 / 6%	46 / 7%	22 / 5%	14 / 0%	23 / 13%	64 / 2%	0 / 0%	45 / 4%
7 / 0%	32 / 19%	23 / 9%	5 / 20%	6 / 17%	16 / 0%	12 / 8%	13 / 8%	4 / 0%	9 / 0%	21 / 0%	1 / 0%	16 / 6%
35 / 0%	129 / 11%	151 / 7%	19 / 0%	32 / 9%	54 / 2%	67 / 7%	32 / 6%	14 / 0%	35 / 6%	119 / 2%	4 / 25%	71 / 4%
18 / 0%	47 / 15%	32 / 6%	13 / 0%	4 / 25%	22 / 0%	22 / 9%	22 / 0%	12 / 0%	5 / 0%	40 / 0%	5 / 0%	20 / 0%
47 / 0%	163 / 10%	199 / 3%	35 / 11%	43 / 0%	53 / 2%	88 / 5%	60 / 2%	16 / 0%	53 / 8%	204 / 2%	15 / 0%	82 / 4%
24 / 0%	55 / 11%	18 / 0%	7 / 14%	6 / 0%	19 / 0%	19 / 5%	25 / 8%	61 / 0%	8 / 13%	68 / 1%	16 / 0%	17 / 6%
76 / 0%	167 / 4%	187 / 2%	64 / 2%	45 / 4%	80 / 3%	111 / 4%	65 / 3%	153 / 1%	50 / 8%	421 / 0%	29 / 0%	83 / 6%
24 / 0%	55 / 4%	31 / 6%	24 / 0%	3 / 33%	53 / 2%	47 / 4%	45 / 0%	173 / 0%	15 / 0%	124 / 0%	41 / 0%	22 / 9%
95 / 0%	103 / 3%	149 / 1%	139 / 1%	24 / 4%	105 / 3%	75 / 0%	69 / 0%	177 / 0%	32 / 3%	301 / 0%	49 / 0%	54 / 2%
42 / 2%	23 / 4%	21 / 5%	27 / 0%	4 / 0%	59 / 0%	31 / 3%	58 / 0%	222 / 0%	14 / 0%	100 / 0%	41 / 0%	12 / 0%
129 / 0%	114 / 3%	165 / 2%	198 / 0%	28 / 0%	227 / 1%	105 / 2%	89 / 1%	369 / 0%	41 / 0%	440 / 0%	43 / 0%	66 / 0%
76 / 1%	24 / 0%	21 / 0%	40 / 0%	1 / 0%	105 / 1%	37 / 0%	48 / 0%	526 / 0%	8 / 0%	136 / 0%	59 / 2%	7 / 0%
199 / 0%	132 / 4%	187 / 0%	281 / 0%	29 / 0%	295 / 1%	118 / 1%	128 / 0%	1213 / 0%	57 / 0%	548 / 0%	65 / 0%	63 / 2%
189 / 2%	24 / 0%	22 / 0%	130 / 1%	1 / 0%	177 / 1%	70 / 1%	157 / 0%	3020 / 0%	11 / 0%	321 / 0%	30 / 0%	9 / 0%
355 / 0%	89 / 0%	137 / 0%	635 / 0%	22 / 0%	498 / 0%	77 / 1%	235 / 1%	2100 / 0%	43 / 0%	714 / 0%	16 / 0%	61 / 2%
120 / 0%	8 / 0%	6 / 0%	121 / 0%	1 / 0%	83 / 0%	24 / 0%	203 / 0%	1209 / 0%	5 / 0%	238 / 0%	6 / 0%	5 / 0%
133 / 0%	1 / 0%	2 / 0%	191 / 0%	0 / 0%	117 / 0%	7 / 0%	25 / 0%	546 / 0%	1 / 0%	98 / 0%	0 / 0%	1 / 0%
1630 / 0%	1331 / 8%	1606 / 5%	1940 / 3%	322 / 10%	2020 / 2%	1019 / 6%	1352 / 3%	9843 / 0%	455 / 3%	4032 / 1%	422 / 1%	701 / 3%

Attachment 15 - (3-4) Initial Test Volume and Failure Rate by Model Year and Test Station

*Stations without emissions inspections in 2017 have been omitted

092074	092076	092078	092079	092080	092081	092083	092086	092088	092089	092090	092092	092095
4 / 0%	1 / 0%	1 / 100%	4 / 0%	3 / 0%	0 / 0%	4 / 0%	0 / 0%	3 / 33%	1 / 0%	2 / 0%	1 / 0%	1 / 0%
23 / 4%	19 / 11%	14 / 0%	14 / 7%	36 / 3%	14 / 7%	35 / 11%	3 / 33%	13 / 0%	2 / 0%	15 / 7%	20 / 10%	8 / 0%
10 / 20%	4 / 0%	5 / 0%	3 / 0%	11 / 9%	9 / 11%	15 / 13%	1 / 0%	7 / 0%	3 / 0%	1 / 0%	4 / 25%	5 / 0%
53 / 2%	21 / 5%	26 / 0%	14 / 0%	60 / 2%	23 / 13%	73 / 3%	7 / 0%	21 / 0%	7 / 14%	30 / 0%	42 / 2%	24 / 0%
13 / 8%	5 / 0%	3 / 0%	9 / 11%	12 / 0%	4 / 0%	26 / 0%	1 / 0%	7 / 0%	5 / 0%	3 / 0%	12 / 17%	4 / 25%
65 / 5%	54 / 13%	59 / 0%	23 / 9%	75 / 1%	33 / 3%	109 / 11%	16 / 0%	45 / 16%	20 / 10%	33 / 3%	64 / 9%	27 / 11%
19 / 5%	9 / 33%	9 / 11%	1 / 0%	17 / 0%	13 / 15%	41 / 7%	6 / 0%	10 / 20%	6 / 17%	5 / 0%	17 / 0%	24 / 4%
115 / 2%	79 / 9%	60 / 2%	34 / 6%	81 / 1%	43 / 9%	167 / 6%	16 / 0%	68 / 7%	18 / 6%	50 / 6%	100 / 7%	53 / 2%
20 / 0%	17 / 6%	12 / 0%	13 / 0%	11 / 0%	16 / 13%	55 / 2%	7 / 14%	13 / 0%	9 / 11%	7 / 0%	16 / 6%	41 / 0%
143 / 3%	91 / 5%	107 / 1%	39 / 0%	83 / 0%	83 / 6%	275 / 4%	48 / 0%	97 / 6%	38 / 3%	42 / 0%	149 / 7%	59 / 3%
23 / 0%	19 / 11%	10 / 0%	6 / 0%	12 / 0%	28 / 11%	48 / 4%	20 / 0%	19 / 0%	15 / 20%	8 / 0%	27 / 0%	27 / 0%
130 / 2%	129 / 4%	107 / 2%	34 / 0%	83 / 1%	82 / 6%	352 / 2%	42 / 2%	106 / 7%	28 / 4%	54 / 2%	165 / 6%	76 / 4%
33 / 0%	16 / 6%	20 / 0%	5 / 0%	11 / 0%	47 / 4%	71 / 1%	14 / 0%	19 / 5%	14 / 0%	7 / 14%	24 / 4%	30 / 3%
130 / 2%	133 / 2%	116 / 1%	24 / 0%	50 / 0%	62 / 2%	306 / 3%	56 / 0%	94 / 3%	22 / 0%	43 / 0%	118 / 3%	31 / 0%
33 / 0%	11 / 0%	36 / 0%	5 / 0%	7 / 0%	25 / 4%	45 / 7%	21 / 5%	9 / 0%	20 / 0%	5 / 0%	25 / 0%	21 / 5%
179 / 3%	135 / 2%	230 / 0%	30 / 3%	68 / 0%	78 / 3%	441 / 1%	125 / 1%	120 / 3%	37 / 3%	33 / 0%	164 / 2%	32 / 3%
38 / 3%	23 / 0%	62 / 0%	0 / 0%	4 / 0%	27 / 0%	74 / 1%	45 / 0%	17 / 0%	29 / 0%	3 / 0%	18 / 0%	16 / 0%
313 / 0%	153 / 0%	412 / 0%	27 / 0%	50 / 0%	80 / 1%	583 / 1%	153 / 0%	150 / 1%	81 / 0%	44 / 0%	237 / 1%	43 / 0%
63 / 0%	19 / 5%	115 / 0%	5 / 0%	5 / 0%	25 / 4%	84 / 0%	92 / 0%	21 / 0%	125 / 0%	1 / 0%	44 / 0%	14 / 0%
292 / 0%	152 / 0%	378 / 0%	30 / 0%	46 / 0%	52 / 0%	525 / 0%	322 / 0%	120 / 0%	156 / 0%	25 / 4%	212 / 0%	58 / 0%
38 / 0%	4 / 0%	95 / 0%	0 / 0%	4 / 0%	5 / 0%	34 / 0%	42 / 2%	7 / 0%	121 / 0%	1 / 0%	7 / 0%	23 / 4%
14 / 0%	1 / 0%	62 / 0%	0 / 0%	0 / 0%	1 / 0%	8 / 0%	76 / 0%	2 / 0%	39 / 0%	0 / 0%	5 / 0%	2 / 0%
1751 / 3%	1095 / 5%	1939 / 5%	320 / 2%	729 / 1%	750 / 5%	3371 / 4%	1113 / 3%	968 / 5%	796 / 4%	412 / 2%	1471 / 5%	619 / 3%

Attachment 15 - (3-4) Initial Test Volume and Failure Rate by Model Year and Test Station

*Stations without emissions inspections in 2017 have been omitted

092096	092097	092098	092099	092102	092103	092107	092108	092109	092110	092111	092114	092115
2 / 50%	0 / 0%	0 / 0%	8 / 13%	0 / 0%	3 / 0%	2 / 0%	2 / 0%	1 / 0%	2 / 0%	1 / 0%	0 / 0%	0 / 0%
2 / 0%	1 / 0%	6 / 17%	27 / 4%	14 / 14%	22 / 5%	10 / 10%	7 / 0%	1 / 0%	18 / 0%	17 / 0%	6 / 0%	4 / 0%
3 / 0%	0 / 0%	4 / 0%	10 / 20%	1 / 0%	7 / 29%	3 / 0%	4 / 0%	2 / 0%	3 / 0%	6 / 0%	4 / 0%	1 / 0%
3 / 0%	4 / 0%	13 / 0%	34 / 9%	16 / 6%	44 / 5%	26 / 4%	19 / 0%	2 / 50%	42 / 0%	35 / 6%	25 / 0%	5 / 0%
5 / 0%	3 / 0%	5 / 0%	13 / 0%	3 / 33%	10 / 0%	8 / 0%	1 / 0%	1 / 0%	5 / 0%	7 / 14%	3 / 0%	1 / 100%
6 / 0%	1 / 0%	24 / 0%	72 / 7%	21 / 0%	57 / 11%	39 / 5%	17 / 0%	5 / 0%	43 / 7%	48 / 4%	28 / 11%	4 / 25%
5 / 0%	1 / 0%	11 / 9%	18 / 6%	3 / 0%	22 / 9%	15 / 0%	6 / 17%	1 / 0%	8 / 0%	14 / 7%	8 / 13%	2 / 0%
6 / 0%	7 / 0%	49 / 14%	93 / 8%	50 / 2%	90 / 9%	48 / 6%	32 / 6%	5 / 0%	66 / 2%	76 / 0%	51 / 6%	8 / 0%
2 / 0%	2 / 0%	22 / 0%	17 / 0%	7 / 0%	15 / 7%	15 / 0%	9 / 0%	6 / 0%	8 / 0%	21 / 0%	4 / 0%	2 / 0%
9 / 0%	9 / 0%	69 / 7%	125 / 11%	57 / 7%	109 / 6%	92 / 1%	48 / 2%	4 / 0%	66 / 2%	94 / 1%	45 / 0%	8 / 0%
1 / 0%	0 / 0%	32 / 0%	31 / 13%	6 / 0%	19 / 0%	34 / 0%	4 / 0%	5 / 0%	5 / 0%	10 / 0%	4 / 0%	3 / 0%
9 / 0%	14 / 0%	109 / 5%	161 / 2%	75 / 3%	147 / 3%	155 / 2%	46 / 2%	12 / 0%	55 / 2%	72 / 1%	50 / 6%	12 / 0%
1 / 0%	0 / 0%	53 / 2%	20 / 5%	27 / 0%	31 / 3%	47 / 0%	6 / 0%	6 / 0%	13 / 0%	12 / 0%	6 / 0%	1 / 0%
3 / 0%	5 / 0%	82 / 1%	117 / 3%	82 / 5%	96 / 3%	189 / 2%	30 / 0%	7 / 0%	43 / 2%	67 / 4%	22 / 5%	6 / 17%
2 / 0%	0 / 0%	50 / 0%	32 / 0%	18 / 0%	18 / 0%	74 / 1%	2 / 0%	8 / 0%	7 / 0%	5 / 0%	5 / 0%	1 / 0%
4 / 0%	8 / 0%	121 / 2%	172 / 3%	115 / 2%	140 / 1%	306 / 2%	44 / 0%	14 / 7%	44 / 0%	95 / 0%	38 / 0%	8 / 0%
2 / 0%	1 / 0%	58 / 0%	37 / 0%	35 / 0%	29 / 0%	134 / 0%	7 / 0%	8 / 0%	4 / 0%	12 / 0%	7 / 0%	0 / 0%
2 / 0%	3 / 0%	129 / 0%	228 / 3%	174 / 1%	147 / 1%	453 / 0%	52 / 0%	13 / 0%	28 / 0%	85 / 0%	43 / 0%	11 / 0%
0 / 0%	0 / 0%	33 / 3%	34 / 0%	90 / 0%	36 / 6%	295 / 0%	3 / 0%	6 / 0%	4 / 0%	7 / 0%	4 / 0%	2 / 0%
3 / 0%	0 / 0%	89 / 0%	231 / 0%	280 / 0%	145 / 1%	572 / 1%	32 / 0%	8 / 0%	20 / 0%	78 / 0%	27 / 0%	18 / 0%
1 / 0%	0 / 0%	21 / 0%	16 / 0%	89 / 0%	12 / 0%	193 / 1%	4 / 0%	1 / 0%	0 / 0%	5 / 0%	4 / 0%	1 / 0%
0 / 0%	0 / 0%	3 / 0%	2 / 0%	63 / 0%	3 / 0%	82 / 0%	0 / 0%	0 / 0%	0 / 0%	1 / 0%	1 / 0%	0 / 0%
71 / 2%	59 / 0%	983 / 3%	1498 / 5%	1226 / 3%	1202 / 4%	2792 / 2%	375 / 1%	116 / 3%	484 / 1%	768 / 2%	385 / 2%	98 / 6%

Attachment 15 - (3-4) Initial Test Volume and Failure Rate by Model Year and Test Station

*Stations without emissions inspections in 2017 have been omitted

092119	092121	092122	092123	092124	092126	092128	092129	092131	092132	092133	092134	092135
0 / 0%	1 / 0%	1 / 0%	4 / 0%	0 / 0%	3 / 0%	7 / 14%	5 / 0%	4 / 0%	1 / 0%	0 / 0%	7 / 0%	6 / 0%
28 / 11%	1 / 0%	16 / 13%	43 / 7%	0 / 0%	22 / 9%	26 / 19%	31 / 3%	22 / 0%	11 / 18%	2 / 0%	31 / 13%	36 / 3%
7 / 0%	1 / 0%	5 / 0%	21 / 5%	0 / 0%	1 / 0%	15 / 7%	8 / 13%	5 / 0%	7 / 0%	2 / 0%	11 / 9%	7 / 0%
28 / 14%	4 / 0%	42 / 10%	75 / 8%	4 / 0%	28 / 0%	56 / 0%	55 / 4%	44 / 9%	24 / 8%	3 / 0%	64 / 8%	73 / 11%
6 / 0%	0 / 0%	12 / 8%	29 / 7%	1 / 0%	6 / 0%	19 / 0%	13 / 0%	8 / 0%	14 / 0%	1 / 0%	23 / 9%	19 / 5%
43 / 5%	7 / 0%	52 / 8%	112 / 13%	5 / 0%	44 / 5%	92 / 4%	78 / 1%	50 / 4%	24 / 8%	3 / 0%	117 / 15%	96 / 10%
10 / 0%	2 / 50%	10 / 10%	32 / 3%	2 / 0%	11 / 9%	35 / 0%	27 / 0%	19 / 0%	16 / 6%	1 / 0%	30 / 10%	29 / 7%
45 / 4%	18 / 0%	75 / 9%	139 / 9%	6 / 0%	49 / 6%	117 / 11%	93 / 3%	83 / 5%	64 / 8%	5 / 20%	117 / 2%	95 / 5%
19 / 11%	7 / 0%	15 / 7%	34 / 12%	2 / 0%	14 / 7%	46 / 2%	23 / 0%	10 / 0%	10 / 20%	0 / 0%	39 / 5%	40 / 10%
62 / 2%	46 / 7%	108 / 3%	172 / 7%	17 / 6%	67 / 7%	200 / 4%	125 / 2%	95 / 5%	91 / 4%	6 / 0%	152 / 7%	118 / 6%
13 / 8%	18 / 0%	21 / 0%	34 / 9%	7 / 0%	20 / 0%	46 / 0%	24 / 0%	23 / 13%	18 / 0%	8 / 0%	27 / 0%	46 / 4%
67 / 3%	83 / 5%	136 / 3%	148 / 7%	37 / 0%	106 / 4%	186 / 3%	109 / 0%	93 / 3%	96 / 4%	11 / 0%	154 / 2%	101 / 1%
12 / 0%	9 / 22%	23 / 9%	34 / 0%	4 / 0%	15 / 0%	37 / 3%	20 / 0%	16 / 0%	12 / 0%	5 / 0%	33 / 0%	34 / 6%
30 / 0%	54 / 6%	113 / 1%	108 / 6%	46 / 0%	59 / 0%	197 / 3%	76 / 1%	92 / 1%	106 / 1%	9 / 11%	113 / 4%	67 / 6%
10 / 0%	13 / 0%	19 / 0%	20 / 15%	21 / 0%	9 / 0%	38 / 0%	12 / 0%	16 / 0%	18 / 0%	1 / 0%	26 / 0%	22 / 0%
28 / 4%	80 / 3%	143 / 3%	114 / 3%	130 / 0%	73 / 0%	241 / 1%	107 / 2%	100 / 0%	126 / 0%	9 / 0%	109 / 1%	91 / 4%
5 / 0%	18 / 0%	19 / 0%	20 / 5%	53 / 0%	15 / 0%	23 / 0%	17 / 0%	18 / 0%	27 / 0%	1 / 0%	20 / 0%	12 / 0%
33 / 0%	44 / 0%	142 / 0%	123 / 1%	238 / 0%	98 / 0%	280 / 0%	92 / 0%	135 / 1%	196 / 1%	12 / 0%	103 / 2%	75 / 1%
5 / 0%	37 / 0%	22 / 0%	12 / 0%	125 / 1%	4 / 0%	29 / 0%	21 / 0%	21 / 5%	28 / 0%	1 / 0%	5 / 0%	14 / 0%
26 / 0%	23 / 0%	106 / 1%	113 / 0%	371 / 0%	72 / 0%	259 / 0%	83 / 1%	152 / 0%	194 / 1%	13 / 0%	88 / 0%	65 / 0%
1 / 0%	8 / 0%	6 / 0%	15 / 0%	153 / 0%	5 / 0%	18 / 0%	22 / 0%	17 / 0%	6 / 0%	1 / 0%	10 / 0%	7 / 14%
1 / 0%	0 / 0%	1 / 0%	1 / 0%	64 / 0%	1 / 0%	2 / 0%	0 / 0%	4 / 0%	5 / 0%	0 / 0%	0 / 0%	0 / 0%
479 / 3%	474 / 4%	1087 / 4%	1403 / 5%	1286 / 0%	722 / 2%	1969 / 3%	1041 / 1%	1027 / 2%	1094 / 4%	94 / 1%	1279 / 4%	1053 / 4%

Attachment 15 - (3-4) Initial Test Volume and Failure Rate by Model Year and Test Station

*Stations without emissions inspections in 2017 have been omitted

092136	092139	092141	092144	092145	092146	092147	092148	092151	092153	092154	092156	092157
0 / 0%	0 / 0%	4 / 0%	4 / 75%	11 / 0%	3 / 0%	1 / 0%	5 / 0%	7 / 0%	0 / 0%	3 / 0%	0 / 0%	7 / 0%
8 / 50%	2 / 0%	12 / 0%	26 / 19%	26 / 8%	14 / 0%	12 / 8%	39 / 10%	29 / 7%	7 / 0%	12 / 0%	5 / 0%	29 / 3%
5 / 20%	1 / 0%	5 / 20%	3 / 0%	4 / 25%	9 / 11%	4 / 0%	8 / 0%	5 / 0%	4 / 0%	6 / 17%	1 / 0%	13 / 15%
25 / 8%	3 / 0%	11 / 27%	47 / 2%	37 / 5%	32 / 0%	14 / 0%	59 / 8%	63 / 10%	22 / 5%	22 / 0%	10 / 10%	33 / 9%
7 / 0%	3 / 0%	1 / 0%	12 / 0%	11 / 0%	16 / 0%	4 / 0%	23 / 4%	9 / 0%	5 / 0%	1 / 0%	5 / 0%	11 / 9%
38 / 8%	9 / 0%	28 / 11%	46 / 0%	55 / 4%	46 / 4%	18 / 6%	71 / 10%	90 / 7%	28 / 4%	46 / 2%	9 / 11%	63 / 14%
9 / 0%	2 / 0%	5 / 0%	13 / 0%	22 / 9%	32 / 3%	10 / 0%	22 / 5%	16 / 13%	6 / 0%	11 / 0%	8 / 25%	15 / 0%
60 / 5%	14 / 0%	33 / 6%	69 / 6%	64 / 5%	82 / 9%	34 / 0%	122 / 7%	126 / 6%	30 / 3%	62 / 6%	27 / 4%	63 / 10%
15 / 0%	7 / 0%	6 / 0%	20 / 5%	17 / 6%	25 / 4%	22 / 5%	21 / 0%	13 / 0%	12 / 8%	14 / 0%	7 / 0%	23 / 0%
88 / 3%	25 / 4%	36 / 8%	67 / 7%	93 / 2%	138 / 2%	44 / 0%	132 / 5%	125 / 4%	45 / 0%	93 / 5%	40 / 3%	84 / 5%
19 / 5%	7 / 0%	5 / 0%	19 / 5%	15 / 0%	50 / 4%	30 / 0%	27 / 7%	29 / 0%	4 / 25%	11 / 9%	9 / 11%	27 / 7%
101 / 1%	39 / 3%	38 / 3%	77 / 5%	91 / 2%	165 / 5%	54 / 2%	167 / 7%	166 / 4%	28 / 4%	123 / 5%	58 / 2%	93 / 2%
26 / 0%	11 / 0%	1 / 0%	21 / 5%	18 / 0%	55 / 2%	41 / 0%	33 / 3%	21 / 0%	9 / 0%	17 / 0%	6 / 0%	31 / 3%
97 / 1%	25 / 4%	30 / 7%	35 / 0%	82 / 1%	154 / 3%	39 / 0%	111 / 1%	139 / 2%	24 / 4%	127 / 5%	42 / 2%	44 / 0%
9 / 0%	15 / 0%	7 / 0%	9 / 0%	15 / 7%	51 / 4%	39 / 0%	23 / 4%	15 / 0%	2 / 0%	6 / 0%	6 / 0%	26 / 4%
147 / 4%	58 / 0%	33 / 0%	35 / 0%	76 / 1%	180 / 2%	53 / 0%	114 / 2%	114 / 5%	23 / 0%	136 / 1%	60 / 0%	48 / 0%
20 / 0%	45 / 2%	7 / 0%	7 / 0%	11 / 0%	59 / 2%	39 / 0%	21 / 0%	14 / 0%	4 / 0%	22 / 0%	13 / 15%	14 / 7%
212 / 1%	111 / 0%	29 / 0%	40 / 3%	87 / 1%	284 / 0%	56 / 0%	166 / 1%	153 / 1%	24 / 0%	134 / 0%	128 / 2%	54 / 0%
28 / 0%	79 / 0%	10 / 0%	8 / 0%	18 / 0%	54 / 0%	21 / 0%	20 / 0%	10 / 0%	3 / 0%	14 / 0%	21 / 0%	8 / 0%
231 / 0%	214 / 0%	27 / 0%	24 / 0%	66 / 0%	250 / 1%	19 / 0%	145 / 1%	103 / 0%	23 / 0%	126 / 1%	114 / 0%	44 / 0%
29 / 0%	102 / 0%	0 / 0%	3 / 0%	6 / 0%	20 / 0%	0 / 0%	9 / 0%	3 / 0%	3 / 0%	8 / 0%	7 / 0%	3 / 0%
6 / 0%	30 / 0%	0 / 0%	2 / 0%	1 / 0%	9 / 0%	1 / 0%	0 / 0%	2 / 0%	0 / 0%	3 / 0%	2 / 0%	0 / 0%
1180 / 5%	802 / 1%	328 / 4%	587 / 6%	826 / 3%	1728 / 3%	555 / 1%	1338 / 3%	1252 / 3%	306 / 2%	997 / 2%	578 / 4%	733 / 4%

Attachment 15 - (3-4) Initial Test Volume and Failure Rate by Model Year and Test Station

*Stations without emissions inspections in 2017 have been omitted

092159	092161	092162	092163	092164	092165	092166	092167	092169	092170	092171	092175	092177
1 / 0%	0 / 0%	0 / 0%	3 / 0%	5 / 0%	2 / 0%	4 / 0%	3 / 0%	5 / 0%	3 / 0%	7 / 0%	7 / 29%	1 / 0%
35 / 6%	7 / 0%	5 / 0%	26 / 12%	17 / 6%	21 / 10%	18 / 0%	17 / 12%	27 / 7%	13 / 15%	29 / 3%	31 / 3%	20 / 0%
5 / 0%	1 / 0%	5 / 0%	7 / 14%	12 / 17%	11 / 0%	1 / 0%	2 / 0%	9 / 11%	4 / 25%	14 / 7%	10 / 20%	4 / 0%
55 / 5%	19 / 11%	13 / 0%	37 / 5%	32 / 6%	43 / 0%	26 / 4%	12 / 0%	46 / 7%	30 / 17%	68 / 15%	42 / 5%	44 / 0%
9 / 22%	4 / 25%	4 / 0%	12 / 8%	16 / 6%	20 / 0%	4 / 0%	11 / 0%	8 / 13%	9 / 0%	25 / 0%	20 / 0%	12 / 0%
96 / 6%	17 / 6%	16 / 6%	54 / 4%	61 / 8%	87 / 5%	39 / 8%	27 / 0%	90 / 9%	39 / 21%	84 / 5%	66 / 3%	57 / 5%
18 / 6%	5 / 20%	5 / 0%	14 / 14%	51 / 2%	24 / 4%	13 / 0%	16 / 0%	24 / 13%	18 / 17%	32 / 3%	47 / 11%	16 / 6%
114 / 8%	32 / 3%	22 / 0%	83 / 4%	114 / 4%	129 / 5%	60 / 2%	42 / 0%	117 / 4%	62 / 6%	166 / 5%	107 / 7%	91 / 2%
25 / 0%	9 / 11%	10 / 0%	21 / 5%	53 / 9%	33 / 3%	8 / 0%	19 / 0%	20 / 5%	7 / 0%	34 / 3%	51 / 4%	11 / 0%
212 / 6%	55 / 7%	44 / 0%	78 / 9%	141 / 10%	156 / 4%	75 / 3%	62 / 3%	158 / 4%	71 / 4%	193 / 2%	176 / 5%	90 / 2%
27 / 15%	9 / 0%	12 / 0%	29 / 3%	69 / 4%	31 / 6%	8 / 0%	21 / 0%	17 / 12%	7 / 0%	48 / 2%	54 / 2%	17 / 6%
245 / 6%	34 / 3%	68 / 0%	100 / 4%	194 / 5%	224 / 5%	92 / 0%	60 / 0%	181 / 6%	70 / 3%	271 / 4%	198 / 3%	98 / 3%
42 / 7%	2 / 50%	18 / 0%	37 / 0%	99 / 6%	41 / 5%	15 / 7%	17 / 0%	27 / 7%	12 / 0%	58 / 0%	81 / 6%	14 / 0%
207 / 4%	21 / 5%	49 / 2%	63 / 2%	104 / 4%	164 / 2%	62 / 0%	29 / 0%	110 / 3%	57 / 11%	212 / 0%	179 / 3%	62 / 3%
30 / 0%	3 / 0%	22 / 0%	23 / 0%	65 / 5%	41 / 0%	2 / 0%	2 / 0%	18 / 0%	9 / 11%	58 / 0%	65 / 2%	15 / 0%
243 / 3%	16 / 0%	67 / 0%	93 / 1%	109 / 3%	237 / 2%	69 / 1%	33 / 0%	139 / 4%	53 / 2%	300 / 2%	220 / 3%	74 / 4%
29 / 0%	2 / 0%	20 / 0%	16 / 6%	64 / 3%	41 / 5%	2 / 0%	9 / 0%	11 / 0%	5 / 0%	90 / 1%	85 / 5%	13 / 8%
285 / 1%	25 / 8%	129 / 0%	95 / 1%	227 / 1%	346 / 1%	70 / 0%	24 / 0%	182 / 1%	68 / 1%	447 / 0%	397 / 1%	95 / 1%
37 / 3%	2 / 0%	83 / 0%	19 / 0%	58 / 2%	57 / 0%	7 / 0%	8 / 0%	11 / 0%	6 / 0%	81 / 0%	81 / 1%	11 / 0%
257 / 0%	18 / 0%	124 / 0%	68 / 0%	189 / 0%	295 / 0%	58 / 0%	16 / 0%	127 / 0%	38 / 0%	428 / 1%	395 / 0%	79 / 0%
18 / 0%	3 / 0%	52 / 0%	6 / 0%	20 / 5%	31 / 0%	3 / 0%	1 / 0%	8 / 0%	2 / 0%	38 / 3%	31 / 0%	6 / 0%
9 / 0%	1 / 0%	37 / 0%	0 / 0%	5 / 0%	16 / 0%	1 / 0%	0 / 0%	2 / 0%	1 / 0%	12 / 0%	11 / 0%	1 / 0%
1999 / 4%	285 / 7%	805 / 0%	884 / 4%	1705 / 5%	2050 / 3%	637 / 1%	431 / 1%	1337 / 5%	584 / 6%	2695 / 3%	2354 / 5%	831 / 2%

Attachment 15 - (3-4) Initial Test Volume and Failure Rate by Model Year and Test Station

*Stations without emissions inspections in 2017 have been omitted

092178	092180	092182	092183	092184	092186	092187	092190	092198	092201	092203	092204	092207
6 / 0%	4 / 0%	0 / 0%	0 / 0%	1 / 0%	9 / 0%	4 / 0%	3 / 0%	0 / 0%	2 / 0%	1 / 0%	0 / 0%	2 / 50%
25 / 8%	25 / 12%	0 / 0%	5 / 0%	7 / 0%	45 / 9%	32 / 0%	28 / 0%	3 / 0%	16 / 19%	8 / 13%	9 / 0%	27 / 19%
3 / 0%	13 / 23%	0 / 0%	3 / 0%	3 / 33%	12 / 17%	12 / 8%	9 / 0%	0 / 0%	6 / 0%	2 / 0%	2 / 0%	3 / 33%
33 / 9%	34 / 6%	0 / 0%	6 / 0%	21 / 5%	81 / 7%	36 / 0%	56 / 5%	12 / 17%	34 / 9%	18 / 28%	13 / 0%	47 / 9%
6 / 0%	13 / 23%	0 / 0%	3 / 0%	2 / 0%	25 / 8%	10 / 0%	9 / 11%	3 / 0%	16 / 13%	2 / 0%	0 / 0%	13 / 8%
51 / 12%	43 / 2%	1 / 0%	5 / 0%	26 / 4%	127 / 13%	46 / 4%	75 / 5%	7 / 14%	65 / 11%	28 / 4%	18 / 11%	52 / 12%
17 / 0%	23 / 13%	1 / 0%	8 / 0%	7 / 0%	30 / 3%	19 / 0%	14 / 0%	2 / 50%	14 / 14%	7 / 14%	2 / 0%	17 / 6%
62 / 13%	81 / 4%	1 / 0%	13 / 15%	30 / 7%	184 / 10%	76 / 4%	118 / 3%	19 / 5%	123 / 7%	25 / 8%	16 / 0%	87 / 6%
17 / 12%	35 / 0%	0 / 0%	8 / 13%	7 / 0%	38 / 0%	23 / 0%	25 / 4%	1 / 100%	30 / 13%	9 / 22%	6 / 0%	14 / 0%
91 / 9%	127 / 2%	1 / 0%	10 / 0%	40 / 8%	273 / 7%	99 / 6%	116 / 1%	22 / 5%	167 / 7%	23 / 4%	25 / 4%	105 / 3%
21 / 0%	38 / 5%	0 / 0%	4 / 0%	9 / 0%	45 / 2%	19 / 0%	18 / 6%	4 / 0%	36 / 8%	4 / 25%	1 / 0%	17 / 12%
131 / 5%	144 / 1%	2 / 0%	27 / 0%	59 / 2%	326 / 5%	68 / 3%	113 / 4%	18 / 11%	220 / 1%	32 / 3%	20 / 10%	129 / 3%
33 / 6%	99 / 1%	0 / 0%	6 / 17%	4 / 0%	46 / 7%	24 / 0%	19 / 0%	5 / 0%	45 / 4%	4 / 0%	2 / 0%	14 / 7%
90 / 4%	127 / 2%	0 / 0%	20 / 5%	37 / 0%	262 / 6%	53 / 2%	78 / 1%	11 / 0%	186 / 5%	33 / 3%	14 / 7%	82 / 2%
19 / 0%	106 / 0%	0 / 0%	3 / 0%	4 / 0%	43 / 2%	9 / 0%	6 / 0%	3 / 0%	28 / 4%	3 / 0%	1 / 0%	14 / 0%
91 / 4%	211 / 0%	2 / 0%	24 / 0%	41 / 0%	320 / 1%	58 / 0%	94 / 0%	17 / 6%	261 / 2%	18 / 0%	13 / 0%	88 / 2%
30 / 0%	149 / 0%	0 / 0%	5 / 0%	10 / 0%	38 / 5%	8 / 13%	11 / 0%	2 / 0%	32 / 3%	2 / 0%	1 / 0%	6 / 0%
139 / 0%	194 / 1%	5 / 0%	20 / 0%	41 / 0%	344 / 1%	65 / 0%	118 / 0%	13 / 0%	293 / 1%	31 / 0%	19 / 0%	96 / 0%
111 / 0%	151 / 1%	0 / 0%	6 / 0%	8 / 0%	43 / 5%	5 / 20%	15 / 0%	2 / 0%	39 / 3%	1 / 0%	2 / 0%	7 / 0%
154 / 0%	283 / 0%	1 / 0%	25 / 0%	40 / 0%	277 / 1%	43 / 0%	103 / 1%	20 / 0%	274 / 0%	23 / 0%	19 / 0%	88 / 1%
63 / 0%	177 / 1%	0 / 0%	1 / 0%	5 / 0%	33 / 0%	7 / 0%	6 / 0%	2 / 0%	18 / 0%	1 / 0%	1 / 0%	1 / 0%
1 / 0%	17 / 0%	0 / 0%	0 / 0%	0 / 0%	5 / 0%	1 / 0%	1 / 0%	1 / 0%	2 / 0%	1 / 0%	0 / 0%	2 / 0%
1194 / 4%	2094 / 4%	14 / 0%	202 / 2%	402 / 3%	2606 / 5%	717 / 3%	1035 / 2%	167 / 9%	1907 / 6%	276 / 6%	184 / 1%	911 / 8%

Attachment 15 - (3-4) Initial Test Volume and Failure Rate by Model Year and Test Station

*Stations without emissions inspections in 2017 have been omitted

092208	092209	092213	092219	092222	092227	092232	092236	092237	092239	092240	092241	092245
1 / 0%	0 / 0%	0 / 0%	1 / 0%	3 / 0%	5 / 0%	6 / 0%	2 / 50%	0 / 0%	0 / 0%	1 / 0%	0 / 0%	0 / 0%
12 / 0%	16 / 25%	4 / 0%	6 / 17%	10 / 10%	11 / 0%	27 / 11%	29 / 10%	6 / 17%	0 / 0%	10 / 0%	2 / 50%	7 / 0%
5 / 0%	8 / 25%	0 / 0%	1 / 0%	2 / 0%	8 / 0%	8 / 0%	6 / 0%	1 / 0%	2 / 0%	8 / 0%	0 / 0%	1 / 0%
15 / 0%	31 / 3%	7 / 0%	6 / 0%	13 / 15%	20 / 0%	63 / 8%	43 / 7%	11 / 9%	5 / 20%	24 / 13%	8 / 0%	21 / 0%
5 / 0%	11 / 27%	5 / 20%	3 / 0%	1 / 0%	6 / 0%	21 / 0%	22 / 5%	2 / 0%	0 / 0%	5 / 20%	2 / 0%	6 / 0%
27 / 4%	49 / 12%	9 / 0%	9 / 0%	16 / 19%	37 / 0%	82 / 6%	48 / 10%	9 / 0%	6 / 17%	28 / 14%	2 / 0%	26 / 0%
25 / 0%	15 / 7%	4 / 0%	2 / 0%	6 / 33%	13 / 0%	25 / 8%	52 / 2%	3 / 0%	0 / 0%	7 / 14%	1 / 100%	8 / 13%
42 / 5%	73 / 8%	19 / 0%	17 / 0%	39 / 8%	52 / 0%	124 / 9%	87 / 6%	23 / 9%	13 / 0%	62 / 5%	6 / 0%	76 / 0%
16 / 0%	18 / 0%	18 / 6%	2 / 0%	9 / 11%	26 / 0%	34 / 3%	56 / 4%	1 / 0%	4 / 0%	16 / 0%	1 / 0%	7 / 0%
47 / 4%	103 / 6%	46 / 2%	15 / 7%	44 / 14%	67 / 1%	132 / 6%	113 / 5%	14 / 7%	13 / 8%	87 / 6%	5 / 0%	72 / 0%
25 / 0%	27 / 11%	39 / 0%	1 / 100%	15 / 20%	7 / 0%	36 / 14%	72 / 6%	2 / 0%	8 / 0%	13 / 0%	1 / 0%	11 / 0%
51 / 0%	100 / 0%	77 / 1%	14 / 7%	64 / 9%	74 / 3%	181 / 9%	175 / 4%	24 / 0%	22 / 0%	94 / 5%	3 / 0%	120 / 0%
21 / 0%	15 / 20%	77 / 1%	0 / 0%	10 / 10%	13 / 0%	26 / 0%	73 / 3%	5 / 0%	14 / 0%	12 / 0%	2 / 0%	20 / 0%
24 / 4%	77 / 5%	71 / 1%	5 / 0%	41 / 7%	44 / 0%	115 / 3%	113 / 4%	17 / 6%	33 / 0%	70 / 1%	2 / 0%	108 / 0%
15 / 0%	17 / 0%	52 / 2%	2 / 0%	7 / 29%	6 / 17%	20 / 10%	52 / 2%	3 / 0%	24 / 4%	14 / 0%	0 / 0%	34 / 0%
26 / 0%	105 / 1%	89 / 0%	19 / 0%	50 / 0%	50 / 0%	133 / 4%	124 / 1%	20 / 0%	103 / 1%	78 / 1%	0 / 0%	178 / 0%
9 / 0%	12 / 0%	83 / 0%	2 / 0%	7 / 0%	6 / 0%	23 / 0%	50 / 0%	5 / 0%	47 / 0%	20 / 0%	0 / 0%	55 / 0%
18 / 0%	94 / 1%	106 / 0%	14 / 0%	70 / 0%	44 / 0%	149 / 1%	163 / 0%	20 / 0%	224 / 0%	96 / 0%	1 / 0%	231 / 0%
5 / 0%	15 / 7%	67 / 0%	3 / 0%	10 / 0%	3 / 0%	17 / 0%	42 / 0%	1 / 0%	76 / 0%	13 / 0%	0 / 0%	140 / 0%
7 / 0%	72 / 0%	157 / 0%	9 / 0%	60 / 2%	49 / 0%	119 / 0%	109 / 0%	20 / 0%	137 / 0%	74 / 0%	0 / 0%	267 / 0%
0 / 0%	8 / 0%	138 / 0%	2 / 0%	3 / 0%	1 / 0%	9 / 0%	13 / 0%	1 / 0%	78 / 0%	9 / 0%	0 / 0%	112 / 0%
0 / 0%	4 / 0%	18 / 0%	0 / 0%	1 / 0%	2 / 0%	0 / 0%	2 / 0%	0 / 0%	32 / 0%	3 / 0%	0 / 0%	64 / 0%
396 / 1%	870 / 7%	1086 / 2%	133 / 6%	481 / 8%	544 / 1%	1350 / 4%	1446 / 5%	188 / 2%	841 / 2%	744 / 4%	36 / 7%	1564 / 1%

Attachment 15 - (3-4) Initial Test Volume and Failure Rate by Model Year and Test Station

*Stations without emissions inspections in 2017 have been omitted

092246	092248	092249	092251	092256	092259	092261	092263	092264	092265	092268	092269	092270
3 / 0%	2 / 0%	7 / 14%	2 / 0%	2 / 0%	4 / 0%	4 / 0%	3 / 33%	2 / 0%	4 / 0%	0 / 0%	1 / 0%	0 / 0%
26 / 8%	5 / 0%	41 / 7%	5 / 0%	31 / 10%	7 / 14%	3 / 33%	13 / 0%	29 / 3%	14 / 14%	6 / 0%	11 / 9%	3 / 0%
7 / 0%	4 / 25%	9 / 0%	0 / 0%	8 / 13%	5 / 0%	2 / 0%	13 / 23%	7 / 0%	14 / 7%	0 / 0%	2 / 0%	1 / 0%
30 / 23%	9 / 11%	68 / 6%	8 / 0%	45 / 7%	18 / 6%	5 / 0%	36 / 3%	45 / 18%	10 / 0%	1 / 0%	17 / 0%	6 / 0%
10 / 0%	3 / 0%	9 / 0%	4 / 0%	10 / 10%	17 / 6%	12 / 17%	14 / 7%	9 / 0%	17 / 6%	3 / 0%	3 / 0%	3 / 0%
45 / 22%	13 / 8%	81 / 11%	15 / 0%	49 / 6%	29 / 3%	14 / 0%	54 / 0%	66 / 5%	19 / 0%	5 / 0%	24 / 8%	16 / 6%
14 / 14%	7 / 0%	22 / 5%	5 / 0%	21 / 5%	19 / 0%	10 / 0%	17 / 0%	20 / 15%	20 / 0%	6 / 17%	11 / 9%	4 / 0%
76 / 11%	25 / 0%	130 / 5%	10 / 0%	98 / 8%	76 / 0%	16 / 6%	75 / 9%	91 / 9%	38 / 5%	6 / 0%	39 / 5%	17 / 6%
16 / 6%	5 / 0%	30 / 3%	8 / 0%	16 / 6%	40 / 3%	14 / 7%	25 / 0%	18 / 11%	28 / 0%	9 / 0%	12 / 0%	1 / 0%
97 / 9%	18 / 0%	165 / 8%	15 / 0%	101 / 4%	113 / 1%	21 / 10%	97 / 3%	128 / 8%	46 / 2%	11 / 9%	43 / 5%	21 / 5%
29 / 0%	6 / 17%	16 / 6%	4 / 0%	16 / 6%	61 / 2%	8 / 0%	14 / 7%	33 / 9%	15 / 0%	8 / 0%	13 / 0%	3 / 0%
111 / 3%	17 / 0%	182 / 3%	16 / 0%	116 / 2%	210 / 1%	23 / 0%	109 / 4%	189 / 2%	40 / 5%	6 / 0%	52 / 2%	19 / 5%
24 / 17%	5 / 0%	28 / 0%	6 / 0%	16 / 0%	117 / 1%	8 / 0%	18 / 0%	38 / 0%	19 / 5%	1 / 0%	5 / 0%	4 / 0%
112 / 3%	8 / 0%	136 / 2%	9 / 0%	93 / 9%	170 / 0%	18 / 0%	109 / 3%	156 / 3%	24 / 0%	2 / 0%	43 / 5%	21 / 0%
21 / 5%	1 / 0%	28 / 4%	8 / 0%	14 / 0%	122 / 0%	7 / 0%	12 / 0%	31 / 0%	14 / 0%	2 / 0%	6 / 0%	1 / 0%
123 / 5%	8 / 13%	204 / 1%	16 / 0%	108 / 0%	294 / 0%	15 / 13%	125 / 2%	212 / 2%	30 / 0%	2 / 0%	64 / 0%	14 / 0%
21 / 0%	4 / 0%	34 / 0%	7 / 0%	18 / 0%	179 / 0%	5 / 0%	13 / 0%	31 / 3%	32 / 0%	0 / 0%	9 / 0%	1 / 0%
163 / 3%	10 / 10%	232 / 2%	32 / 0%	130 / 1%	526 / 0%	24 / 0%	153 / 1%	291 / 1%	73 / 0%	3 / 0%	70 / 1%	12 / 0%
27 / 0%	5 / 0%	42 / 0%	7 / 0%	19 / 0%	346 / 0%	4 / 0%	10 / 0%	42 / 2%	75 / 1%	1 / 0%	8 / 0%	6 / 0%
157 / 0%	9 / 0%	202 / 0%	32 / 0%	101 / 0%	584 / 0%	20 / 0%	152 / 0%	297 / 0%	217 / 0%	2 / 0%	61 / 0%	17 / 0%
19 / 0%	1 / 0%	13 / 0%	1 / 0%	7 / 0%	279 / 0%	2 / 0%	8 / 0%	13 / 0%	200 / 0%	0 / 0%	3 / 0%	3 / 0%
3 / 0%	0 / 0%	5 / 0%	0 / 0%	2 / 0%	138 / 0%	0 / 0%	2 / 0%	5 / 0%	10 / 0%	0 / 0%	1 / 0%	0 / 0%
1134 / 6%	165 / 4%	1684 / 4%	210 / 0%	1021 / 4%	3354 / 2%	235 / 4%	1072 / 4%	1753 / 4%	959 / 2%	74 / 1%	498 / 2%	173 / 1%

Attachment 15 - (3-4) Initial Test Volume and Failure Rate by Model Year and Test Station

*Stations without emissions inspections in 2017 have been omitted

092272	092274	092277	092280	092281	092283	092287	092292	092294	096000	096002	096003	096004
4 / 0%	0 / 0%	0 / 0%	0 / 0%	5 / 20%	0 / 0%	1 / 0%	0 / 0%	0 / 0%	1 / 0%	4 / 25%	0 / 0%	2 / 0%
22 / 5%	18 / 0%	14 / 0%	0 / 0%	36 / 8%	0 / 0%	5 / 0%	2 / 0%	0 / 0%	4 / 0%	18 / 17%	11 / 18%	10 / 0%
7 / 0%	5 / 0%	3 / 0%	0 / 0%	10 / 10%	2 / 0%	2 / 0%	0 / 0%	0 / 0%	4 / 0%	7 / 29%	2 / 0%	3 / 33%
18 / 0%	16 / 0%	9 / 0%	0 / 0%	55 / 2%	3 / 0%	8 / 13%	0 / 0%	5 / 20%	9 / 0%	52 / 8%	11 / 0%	32 / 9%
9 / 0%	6 / 17%	3 / 33%	0 / 0%	16 / 6%	1 / 0%	3 / 0%	1 / 0%	2 / 0%	3 / 0%	8 / 13%	4 / 0%	9 / 11%
36 / 3%	27 / 4%	12 / 8%	0 / 0%	72 / 8%	3 / 0%	9 / 0%	1 / 0%	1 / 0%	20 / 10%	55 / 9%	27 / 4%	45 / 4%
5 / 0%	12 / 8%	4 / 0%	0 / 0%	39 / 13%	0 / 0%	3 / 0%	1 / 0%	1 / 0%	4 / 0%	16 / 13%	4 / 0%	7 / 0%
29 / 3%	46 / 2%	16 / 0%	0 / 0%	133 / 5%	3 / 0%	3 / 0%	1 / 0%	7 / 0%	34 / 3%	76 / 3%	31 / 6%	54 / 7%
5 / 40%	4 / 0%	4 / 0%	1 / 0%	39 / 0%	1 / 0%	7 / 0%	3 / 0%	2 / 0%	21 / 0%	18 / 0%	7 / 0%	11 / 0%
31 / 0%	40 / 3%	28 / 0%	0 / 0%	139 / 7%	8 / 13%	6 / 0%	3 / 0%	15 / 7%	45 / 2%	92 / 5%	48 / 6%	76 / 1%
7 / 0%	4 / 0%	4 / 0%	0 / 0%	41 / 7%	1 / 0%	0 / 0%	2 / 0%	3 / 0%	18 / 6%	19 / 0%	11 / 0%	15 / 13%
41 / 2%	36 / 0%	17 / 6%	1 / 0%	146 / 6%	12 / 0%	11 / 9%	3 / 33%	12 / 0%	81 / 1%	120 / 3%	39 / 3%	73 / 4%
3 / 0%	4 / 0%	4 / 0%	0 / 0%	37 / 0%	1 / 0%	3 / 0%	0 / 0%	0 / 0%	46 / 0%	29 / 0%	19 / 0%	17 / 6%
32 / 3%	23 / 4%	8 / 0%	0 / 0%	93 / 1%	10 / 0%	6 / 0%	5 / 0%	8 / 0%	60 / 2%	86 / 6%	25 / 0%	83 / 1%
5 / 0%	5 / 20%	1 / 0%	0 / 0%	21 / 0%	2 / 0%	3 / 0%	3 / 33%	2 / 0%	34 / 3%	19 / 0%	27 / 0%	15 / 7%
28 / 0%	26 / 4%	17 / 0%	0 / 0%	126 / 1%	7 / 0%	4 / 0%	4 / 0%	8 / 0%	101 / 0%	119 / 0%	61 / 0%	94 / 2%
3 / 0%	4 / 0%	4 / 0%	0 / 0%	19 / 0%	1 / 0%	3 / 0%	4 / 0%	4 / 0%	58 / 0%	20 / 0%	36 / 0%	13 / 0%
23 / 0%	26 / 0%	17 / 0%	0 / 0%	133 / 1%	8 / 0%	4 / 0%	8 / 0%	10 / 0%	230 / 0%	114 / 2%	100 / 0%	80 / 1%
8 / 0%	2 / 0%	3 / 0%	0 / 0%	15 / 0%	4 / 0%	3 / 0%	2 / 0%	4 / 0%	259 / 0%	12 / 0%	116 / 0%	14 / 0%
20 / 0%	13 / 0%	8 / 0%	0 / 0%	103 / 0%	8 / 0%	6 / 0%	5 / 0%	11 / 0%	224 / 0%	88 / 0%	136 / 0%	80 / 0%
2 / 0%	1 / 0%	1 / 0%	0 / 0%	9 / 0%	0 / 0%	1 / 0%	0 / 0%	3 / 0%	196 / 1%	9 / 0%	61 / 0%	13 / 0%
0 / 0%	1 / 0%	0 / 0%	0 / 0%	2 / 0%	0 / 0%	0 / 0%	0 / 0%	1 / 0%	124 / 0%	1 / 0%	25 / 0%	2 / 0%
338 / 3%	319 / 3%	177 / 2%	2 / 0%	1289 / 4%	75 / 1%	91 / 1%	48 / 3%	99 / 1%	1576 / 1%	982 / 6%	801 / 2%	748 / 5%

Attachment 15 - (3-4) Initial Test Volume and Failure Rate by Model Year and Test Station

*Stations without emissions inspections in 2017 have been omitted

096006	096008	096010	096012	096013	096014	096017	096019	096022	096023	096025	096030	096032
20 / 10%	3 / 0%	0 / 0%	1 / 0%	1 / 0%	7 / 0%	1 / 0%	0 / 0%	1 / 0%	2 / 50%	1 / 0%	0 / 0%	17 / 18%
35 / 20%	36 / 11%	20 / 10%	9 / 0%	3 / 0%	42 / 2%	19 / 5%	0 / 0%	9 / 0%	7 / 0%	9 / 0%	0 / 0%	64 / 5%
12 / 25%	10 / 10%	5 / 0%	6 / 0%	0 / 0%	16 / 6%	8 / 0%	0 / 0%	4 / 0%	3 / 0%	2 / 0%	0 / 0%	20 / 15%
72 / 17%	51 / 8%	33 / 9%	17 / 0%	4 / 0%	52 / 4%	30 / 0%	1 / 0%	20 / 0%	7 / 0%	14 / 7%	0 / 0%	86 / 7%
38 / 8%	10 / 0%	1 / 0%	12 / 0%	3 / 0%	18 / 11%	20 / 10%	0 / 0%	4 / 0%	2 / 0%	3 / 33%	0 / 0%	33 / 6%
70 / 17%	89 / 10%	38 / 5%	27 / 0%	14 / 0%	86 / 7%	51 / 2%	0 / 0%	25 / 0%	26 / 4%	19 / 5%	2 / 0%	118 / 4%
43 / 12%	25 / 8%	16 / 0%	25 / 4%	2 / 0%	11 / 0%	11 / 9%	1 / 0%	10 / 0%	9 / 11%	3 / 0%	1 / 0%	41 / 0%
112 / 11%	99 / 8%	52 / 6%	37 / 0%	35 / 0%	100 / 3%	63 / 2%	0 / 0%	46 / 2%	33 / 3%	29 / 0%	2 / 0%	143 / 3%
68 / 6%	20 / 0%	19 / 5%	15 / 7%	7 / 0%	19 / 5%	27 / 4%	0 / 0%	5 / 0%	9 / 0%	6 / 0%	1 / 0%	47 / 6%
107 / 9%	136 / 9%	80 / 4%	51 / 8%	27 / 0%	138 / 2%	110 / 5%	2 / 0%	67 / 3%	23 / 9%	58 / 0%	3 / 0%	205 / 7%
57 / 2%	17 / 0%	14 / 7%	35 / 0%	8 / 0%	16 / 6%	36 / 3%	8 / 0%	17 / 0%	9 / 0%	16 / 0%	2 / 0%	62 / 5%
107 / 5%	140 / 6%	119 / 5%	49 / 0%	65 / 0%	142 / 1%	131 / 1%	35 / 0%	89 / 1%	44 / 2%	66 / 0%	4 / 0%	185 / 2%
61 / 7%	21 / 10%	10 / 0%	27 / 4%	42 / 2%	17 / 0%	32 / 3%	53 / 0%	15 / 0%	17 / 6%	22 / 0%	3 / 0%	47 / 2%
49 / 8%	84 / 2%	101 / 1%	23 / 0%	122 / 2%	109 / 3%	113 / 4%	65 / 0%	112 / 2%	34 / 0%	72 / 0%	2 / 0%	133 / 5%
30 / 0%	19 / 5%	10 / 0%	13 / 0%	46 / 0%	14 / 0%	23 / 0%	85 / 1%	26 / 0%	10 / 0%	23 / 4%	11 / 0%	26 / 8%
53 / 2%	94 / 2%	109 / 3%	30 / 0%	203 / 0%	135 / 0%	169 / 1%	129 / 1%	164 / 0%	36 / 0%	129 / 1%	16 / 0%	132 / 1%
17 / 0%	6 / 17%	24 / 0%	9 / 0%	69 / 0%	15 / 0%	35 / 0%	134 / 0%	36 / 0%	14 / 0%	36 / 0%	19 / 5%	33 / 3%
38 / 0%	94 / 1%	116 / 1%	21 / 0%	340 / 0%	133 / 1%	261 / 2%	151 / 0%	259 / 0%	64 / 2%	261 / 0%	39 / 0%	187 / 1%
8 / 0%	18 / 0%	12 / 0%	1 / 0%	281 / 0%	18 / 0%	34 / 0%	137 / 0%	100 / 0%	16 / 0%	174 / 0%	73 / 0%	27 / 4%
20 / 0%	84 / 0%	122 / 0%	21 / 0%	610 / 0%	122 / 0%	252 / 0%	116 / 0%	283 / 0%	52 / 0%	398 / 0%	54 / 0%	119 / 0%
4 / 0%	9 / 0%	4 / 0%	5 / 0%	295 / 0%	15 / 0%	30 / 3%	42 / 0%	126 / 0%	4 / 0%	186 / 1%	40 / 0%	12 / 0%
0 / 0%	0 / 0%	0 / 0%	0 / 0%	92 / 0%	0 / 0%	7 / 0%	3 / 0%	32 / 0%	0 / 0%	22 / 0%	3 / 0%	2 / 0%
1021 / 7%	1065 / 5%	905 / 3%	434 / 1%	2269 / 0%	1225 / 2%	1463 / 2%	962 / 0%	1450 / 0%	421 / 4%	1549 / 2%	275 / 0%	1739 / 5%

Attachment 15 - (3-4) Initial Test Volume and Failure Rate by Model Year and Test Station

*Stations without emissions inspections in 2017 have been omitted

096033	096035	096037	096038	096039	096040	096041	096042	096043	096044	096046	096048	096051
0 / 0%	0 / 0%	0 / 0%	35 / 3%	6 / 17%	1 / 0%	2 / 0%	5 / 20%	6 / 0%	5 / 20%	2 / 50%	1 / 0%	3 / 0%
2 / 50%	9 / 0%	20 / 0%	171 / 1%	7 / 0%	10 / 10%	6 / 17%	14 / 21%	24 / 8%	30 / 3%	13 / 0%	10 / 0%	8 / 0%
0 / 0%	2 / 0%	4 / 0%	78 / 4%	17 / 6%	1 / 0%	3 / 0%	3 / 33%	3 / 0%	8 / 0%	3 / 0%	4 / 0%	6 / 0%
2 / 0%	24 / 8%	16 / 0%	230 / 3%	30 / 7%	17 / 12%	10 / 0%	26 / 12%	45 / 9%	59 / 3%	27 / 0%	26 / 0%	16 / 6%
1 / 0%	11 / 9%	4 / 0%	145 / 3%	23 / 9%	4 / 0%	7 / 0%	8 / 0%	21 / 5%	19 / 5%	1 / 0%	9 / 0%	8 / 13%
0 / 0%	45 / 11%	33 / 0%	330 / 3%	50 / 8%	30 / 3%	20 / 0%	48 / 8%	69 / 4%	57 / 11%	24 / 0%	33 / 0%	46 / 13%
1 / 0%	11 / 0%	5 / 0%	156 / 2%	33 / 0%	7 / 29%	10 / 0%	23 / 0%	14 / 7%	28 / 0%	6 / 0%	12 / 0%	13 / 8%
1 / 0%	56 / 5%	29 / 10%	398 / 1%	64 / 3%	48 / 13%	27 / 19%	63 / 6%	113 / 7%	84 / 5%	30 / 3%	77 / 1%	79 / 9%
0 / 0%	18 / 0%	13 / 0%	163 / 1%	39 / 3%	12 / 8%	13 / 0%	15 / 7%	17 / 0%	25 / 0%	3 / 0%	15 / 0%	19 / 0%
3 / 0%	128 / 2%	40 / 0%	466 / 2%	79 / 6%	81 / 2%	39 / 0%	93 / 6%	168 / 6%	106 / 3%	30 / 0%	112 / 0%	155 / 2%
0 / 0%	19 / 0%	7 / 0%	183 / 1%	44 / 2%	13 / 0%	6 / 0%	21 / 0%	33 / 9%	24 / 8%	7 / 0%	20 / 0%	25 / 4%
3 / 0%	152 / 5%	49 / 0%	319 / 3%	75 / 3%	89 / 2%	28 / 14%	77 / 5%	225 / 4%	131 / 1%	26 / 0%	174 / 0%	195 / 3%
0 / 0%	26 / 4%	3 / 33%	102 / 1%	37 / 3%	23 / 4%	11 / 0%	18 / 6%	23 / 4%	34 / 3%	0 / 0%	26 / 0%	30 / 0%
2 / 0%	153 / 2%	34 / 0%	151 / 1%	40 / 0%	65 / 3%	25 / 8%	43 / 2%	175 / 2%	109 / 1%	17 / 0%	182 / 0%	211 / 3%
1 / 0%	21 / 5%	2 / 0%	64 / 2%	14 / 7%	9 / 0%	9 / 11%	9 / 0%	35 / 3%	26 / 0%	2 / 0%	35 / 0%	36 / 0%
1 / 0%	168 / 4%	34 / 0%	143 / 1%	32 / 0%	69 / 3%	29 / 0%	84 / 2%	219 / 1%	156 / 1%	21 / 0%	209 / 0%	273 / 2%
0 / 0%	30 / 0%	6 / 0%	41 / 0%	24 / 0%	24 / 4%	10 / 0%	19 / 11%	26 / 0%	21 / 0%	1 / 0%	38 / 0%	54 / 0%
2 / 0%	289 / 1%	35 / 0%	116 / 1%	24 / 4%	130 / 0%	26 / 4%	82 / 1%	318 / 1%	133 / 1%	11 / 0%	316 / 0%	494 / 1%
0 / 0%	72 / 1%	5 / 0%	18 / 0%	6 / 0%	12 / 0%	17 / 0%	9 / 0%	57 / 2%	26 / 0%	1 / 0%	95 / 0%	74 / 0%
2 / 0%	355 / 1%	35 / 0%	79 / 3%	12 / 0%	115 / 1%	27 / 0%	60 / 0%	264 / 0%	115 / 0%	20 / 0%	409 / 0%	501 / 0%
0 / 0%	37 / 0%	2 / 0%	6 / 0%	2 / 0%	7 / 0%	1 / 0%	64 / 2%	25 / 0%	21 / 0%	1 / 0%	47 / 0%	45 / 0%
0 / 0%	6 / 0%	0 / 0%	2 / 0%	0 / 0%	1 / 0%	0 / 0%	39 / 3%	10 / 0%	8 / 0%	0 / 0%	20 / 0%	15 / 0%
21 / 2%	1632 / 3%	376 / 2%	3396 / 2%	658 / 3%	768 / 4%	326 / 3%	823 / 7%	1890 / 3%	1225 / 3%	246 / 2%	1870 / 0%	2306 / 3%

Attachment 15 - (3-4) Initial Test Volume and Failure Rate by Model Year and Test Station

*Stations without emissions inspections in 2017 have been omitted

096052	096054	096055	096056	096058	096059	096061	096062	096063	096064	096065	096066	096067
0 / 0%	4 / 0%	4 / 0%	2 / 0%	0 / 0%	4 / 0%	7 / 14%	5 / 20%	0 / 0%	2 / 50%	1 / 0%	0 / 0%	3 / 33%
0 / 0%	14 / 0%	28 / 4%	10 / 0%	13 / 38%	19 / 11%	33 / 12%	16 / 19%	0 / 0%	8 / 0%	11 / 0%	13 / 8%	6 / 0%
0 / 0%	13 / 0%	2 / 0%	7 / 14%	4 / 25%	6 / 0%	8 / 0%	7 / 0%	0 / 0%	2 / 50%	2 / 0%	4 / 0%	3 / 0%
1 / 0%	21 / 0%	18 / 11%	31 / 6%	11 / 18%	43 / 5%	65 / 6%	26 / 8%	1 / 0%	11 / 9%	9 / 0%	26 / 15%	7 / 0%
4 / 0%	9 / 0%	5 / 20%	5 / 0%	4 / 0%	10 / 10%	14 / 21%	11 / 9%	0 / 0%	3 / 0%	1 / 0%	3 / 0%	7 / 0%
7 / 0%	32 / 3%	31 / 3%	48 / 13%	22 / 9%	48 / 4%	86 / 14%	30 / 0%	5 / 0%	21 / 0%	7 / 0%	25 / 4%	15 / 0%
5 / 0%	22 / 0%	8 / 0%	10 / 10%	9 / 22%	10 / 0%	18 / 6%	15 / 7%	4 / 0%	5 / 0%	3 / 33%	8 / 13%	7 / 0%
5 / 0%	62 / 5%	36 / 6%	61 / 18%	27 / 11%	75 / 4%	114 / 3%	57 / 9%	6 / 17%	37 / 0%	14 / 0%	47 / 11%	14 / 0%
1 / 0%	34 / 6%	7 / 14%	15 / 0%	8 / 0%	18 / 6%	19 / 5%	20 / 5%	4 / 0%	7 / 0%	12 / 0%	12 / 17%	12 / 0%
16 / 0%	85 / 0%	41 / 2%	99 / 7%	41 / 5%	79 / 6%	142 / 5%	86 / 8%	19 / 0%	50 / 4%	29 / 0%	58 / 0%	32 / 0%
5 / 0%	57 / 5%	3 / 33%	15 / 7%	15 / 0%	20 / 0%	18 / 6%	20 / 10%	16 / 0%	13 / 8%	11 / 9%	8 / 0%	14 / 0%
15 / 0%	214 / 1%	33 / 3%	95 / 7%	38 / 0%	93 / 8%	152 / 5%	71 / 1%	34 / 0%	50 / 6%	37 / 0%	65 / 5%	93 / 0%
8 / 0%	71 / 0%	7 / 0%	23 / 0%	10 / 10%	17 / 6%	19 / 0%	12 / 8%	41 / 0%	12 / 0%	19 / 0%	7 / 0%	21 / 0%
12 / 0%	155 / 1%	15 / 0%	77 / 3%	32 / 3%	79 / 4%	81 / 2%	61 / 3%	43 / 0%	43 / 0%	40 / 0%	58 / 2%	119 / 1%
9 / 0%	94 / 1%	2 / 0%	16 / 6%	4 / 0%	13 / 8%	22 / 9%	9 / 0%	53 / 0%	8 / 25%	23 / 4%	6 / 0%	21 / 0%
42 / 0%	227 / 0%	12 / 0%	113 / 2%	33 / 0%	86 / 1%	112 / 4%	95 / 0%	105 / 1%	40 / 3%	110 / 1%	48 / 0%	229 / 1%
7 / 0%	110 / 0%	1 / 0%	30 / 0%	3 / 0%	12 / 0%	13 / 0%	13 / 8%	118 / 0%	6 / 0%	43 / 0%	11 / 0%	73 / 3%
47 / 0%	297 / 0%	13 / 0%	167 / 1%	37 / 0%	96 / 1%	115 / 0%	107 / 3%	286 / 0%	70 / 1%	146 / 1%	72 / 0%	350 / 0%
15 / 0%	382 / 0%	1 / 0%	66 / 0%	3 / 0%	3 / 0%	9 / 0%	22 / 0%	477 / 0%	10 / 0%	79 / 1%	13 / 8%	149 / 0%
111 / 0%	486 / 0%	6 / 0%	290 / 0%	31 / 0%	70 / 3%	92 / 1%	89 / 0%	313 / 0%	50 / 0%	174 / 1%	51 / 0%	399 / 0%
10 / 0%	236 / 0%	0 / 0%	524 / 1%	0 / 0%	6 / 0%	1 / 0%	70 / 4%	180 / 1%	4 / 0%	91 / 0%	3 / 0%	240 / 0%
31 / 0%	57 / 0%	0 / 0%	142 / 0%	1 / 0%	2 / 0%	4 / 0%	32 / 3%	39 / 0%	1 / 0%	84 / 0%	0 / 0%	56 / 2%
351 / 0%	2682 / 1%	273 / 4%	1846 / 4%	346 / 6%	809 / 3%	1144 / 5%	874 / 6%	1744 / 1%	453 / 7%	946 / 2%	538 / 4%	1870 / 2%

Attachment 15 - (3-4) Initial Test Volume and Failure Rate by Model Year and Test Station

*Stations without emissions inspections in 2017 have been omitted

096068	096069	096070	096071	096072	096075	096077	096078	096080	096081	096084	096086	096087
0 / 0%	7 / 0%	2 / 0%	0 / 0%	3 / 0%	0 / 0%	1 / 0%	1 / 0%	0 / 0%	0 / 0%	4 / 0%	7 / 29%	8 / 0%
4 / 0%	50 / 10%	14 / 0%	68 / 12%	21 / 0%	2 / 0%	2 / 0%	11 / 9%	4 / 0%	4 / 0%	13 / 8%	43 / 7%	25 / 16%
2 / 0%	10 / 20%	7 / 14%	17 / 6%	1 / 0%	1 / 0%	2 / 0%	1 / 0%	5 / 0%	0 / 0%	9 / 11%	10 / 0%	7 / 0%
11 / 0%	74 / 0%	29 / 0%	100 / 5%	34 / 3%	1 / 0%	5 / 0%	9 / 0%	5 / 0%	12 / 0%	27 / 15%	70 / 4%	36 / 6%
6 / 33%	13 / 0%	10 / 0%	22 / 0%	6 / 0%	1 / 0%	1 / 0%	4 / 0%	0 / 0%	3 / 0%	12 / 8%	15 / 0%	16 / 19%
13 / 0%	133 / 3%	22 / 5%	153 / 8%	48 / 2%	7 / 0%	5 / 0%	11 / 0%	4 / 25%	8 / 0%	33 / 12%	98 / 5%	52 / 10%
7 / 14%	23 / 13%	7 / 0%	47 / 6%	6 / 0%	2 / 0%	1 / 0%	4 / 0%	5 / 0%	4 / 0%	20 / 5%	18 / 0%	26 / 0%
22 / 14%	172 / 6%	46 / 0%	216 / 6%	78 / 1%	12 / 8%	7 / 14%	17 / 0%	21 / 0%	16 / 6%	24 / 4%	120 / 3%	70 / 9%
6 / 0%	39 / 5%	20 / 5%	41 / 2%	11 / 0%	2 / 0%	0 / 0%	3 / 0%	11 / 0%	4 / 25%	13 / 0%	21 / 10%	26 / 4%
21 / 0%	241 / 5%	61 / 3%	221 / 5%	82 / 2%	6 / 0%	2 / 0%	24 / 0%	23 / 0%	26 / 0%	38 / 5%	136 / 2%	90 / 3%
10 / 0%	40 / 0%	34 / 3%	40 / 3%	20 / 5%	9 / 0%	2 / 0%	1 / 0%	9 / 0%	6 / 0%	15 / 0%	24 / 4%	30 / 3%
12 / 0%	284 / 3%	58 / 2%	301 / 4%	76 / 3%	20 / 0%	7 / 0%	18 / 0%	32 / 0%	24 / 0%	34 / 0%	145 / 3%	85 / 4%
6 / 0%	42 / 5%	36 / 0%	45 / 0%	11 / 0%	20 / 0%	2 / 0%	1 / 0%	28 / 0%	5 / 0%	5 / 0%	14 / 7%	34 / 3%
8 / 13%	241 / 2%	41 / 0%	218 / 1%	50 / 4%	11 / 0%	2 / 0%	6 / 0%	66 / 0%	29 / 3%	17 / 0%	111 / 4%	42 / 7%
2 / 0%	34 / 0%	45 / 0%	32 / 0%	11 / 0%	16 / 0%	0 / 0%	3 / 0%	43 / 0%	6 / 0%	6 / 0%	20 / 10%	10 / 10%
14 / 7%	255 / 1%	51 / 0%	228 / 0%	48 / 0%	28 / 0%	2 / 0%	11 / 0%	142 / 1%	54 / 0%	15 / 7%	120 / 0%	40 / 0%
1 / 0%	38 / 0%	54 / 0%	22 / 0%	5 / 0%	20 / 0%	2 / 0%	2 / 50%	76 / 0%	14 / 0%	1 / 0%	14 / 0%	8 / 0%
6 / 0%	299 / 0%	37 / 0%	313 / 1%	68 / 1%	101 / 0%	1 / 0%	5 / 0%	171 / 0%	57 / 0%	17 / 0%	136 / 1%	41 / 5%
2 / 0%	40 / 0%	21 / 0%	41 / 0%	5 / 0%	188 / 0%	0 / 0%	1 / 0%	155 / 0%	10 / 0%	2 / 0%	10 / 0%	8 / 0%
6 / 0%	327 / 0%	20 / 0%	241 / 0%	72 / 0%	286 / 0%	1 / 0%	14 / 0%	300 / 0%	70 / 0%	10 / 0%	105 / 0%	21 / 0%
0 / 0%	27 / 0%	4 / 0%	22 / 5%	3 / 0%	228 / 0%	0 / 0%	0 / 0%	130 / 0%	11 / 0%	1 / 0%	6 / 0%	8 / 0%
0 / 0%	4 / 0%	0 / 0%	5 / 0%	0 / 0%	41 / 0%	0 / 0%	0 / 0%	50 / 0%	1 / 0%	0 / 0%	0 / 0%	0 / 0%
159 / 4%	2393 / 3%	619 / 1%	2393 / 3%	659 / 1%	1002 / 0%	45 / 1%	147 / 3%	1280 / 1%	364 / 2%	316 / 3%	1243 / 4%	683 / 4%

Attachment 15 - (3-4) Initial Test Volume and Failure Rate by Model Year and Test Station

*Stations without emissions inspections in 2017 have been omitted

096088	096092	096096	096097	096098	096100	096102	096103	096105	096106	096108	096111	096112
5 / 0%	5 / 0%	6 / 0%	2 / 0%	7 / 29%	1 / 0%	1 / 0%	2 / 0%	2 / 0%	2 / 50%	4 / 25%	3 / 33%	3 / 0%
17 / 18%	15 / 20%	25 / 8%	8 / 50%	9 / 11%	9 / 0%	6 / 0%	10 / 20%	8 / 0%	19 / 5%	20 / 0%	15 / 7%	43 / 5%
6 / 17%	3 / 0%	7 / 0%	4 / 0%	3 / 0%	0 / 0%	3 / 0%	7 / 0%	5 / 0%	5 / 0%	9 / 22%	7 / 14%	9 / 11%
22 / 5%	28 / 7%	43 / 2%	16 / 6%	19 / 0%	6 / 0%	20 / 5%	29 / 0%	11 / 0%	14 / 7%	40 / 8%	37 / 8%	76 / 11%
9 / 22%	3 / 0%	13 / 0%	10 / 0%	8 / 25%	4 / 0%	3 / 0%	7 / 0%	2 / 0%	6 / 0%	6 / 0%	6 / 17%	16 / 6%
40 / 10%	31 / 6%	50 / 0%	19 / 5%	36 / 11%	13 / 0%	28 / 0%	29 / 10%	17 / 12%	36 / 19%	52 / 6%	46 / 7%	106 / 6%
9 / 11%	3 / 0%	16 / 6%	3 / 0%	10 / 0%	4 / 0%	11 / 0%	17 / 6%	3 / 33%	16 / 0%	16 / 6%	12 / 0%	31 / 6%
52 / 4%	44 / 2%	58 / 0%	28 / 11%	61 / 13%	23 / 4%	50 / 0%	43 / 7%	19 / 0%	50 / 2%	95 / 2%	63 / 5%	157 / 3%
10 / 0%	5 / 0%	16 / 0%	6 / 0%	16 / 0%	11 / 0%	14 / 0%	23 / 0%	5 / 20%	16 / 0%	12 / 0%	17 / 0%	16 / 13%
73 / 3%	38 / 3%	76 / 4%	33 / 0%	72 / 7%	35 / 3%	96 / 0%	38 / 3%	34 / 9%	61 / 2%	90 / 7%	77 / 13%	181 / 3%
19 / 0%	4 / 0%	19 / 5%	9 / 11%	24 / 13%	30 / 3%	28 / 0%	31 / 0%	9 / 11%	10 / 10%	13 / 8%	12 / 0%	27 / 4%
71 / 1%	55 / 5%	58 / 0%	35 / 3%	84 / 1%	80 / 0%	158 / 0%	58 / 0%	52 / 0%	58 / 7%	96 / 4%	92 / 3%	196 / 5%
22 / 5%	4 / 25%	15 / 7%	6 / 0%	12 / 8%	31 / 0%	41 / 0%	32 / 6%	8 / 0%	13 / 0%	16 / 0%	16 / 6%	19 / 0%
57 / 9%	36 / 3%	64 / 2%	23 / 4%	74 / 4%	111 / 0%	102 / 0%	45 / 4%	46 / 4%	46 / 7%	73 / 0%	76 / 3%	143 / 2%
19 / 0%	3 / 0%	15 / 7%	2 / 0%	14 / 0%	35 / 0%	45 / 0%	17 / 0%	8 / 0%	6 / 0%	14 / 14%	15 / 7%	21 / 0%
62 / 3%	21 / 0%	67 / 0%	31 / 3%	82 / 0%	208 / 0%	163 / 0%	49 / 0%	51 / 2%	48 / 4%	89 / 2%	79 / 3%	160 / 1%
35 / 0%	2 / 0%	12 / 8%	6 / 0%	18 / 11%	102 / 1%	53 / 0%	16 / 0%	14 / 0%	14 / 0%	11 / 0%	23 / 0%	18 / 6%
95 / 1%	20 / 0%	57 / 0%	32 / 0%	89 / 2%	345 / 0%	282 / 0%	47 / 0%	63 / 0%	68 / 0%	88 / 0%	99 / 1%	170 / 0%
38 / 0%	5 / 0%	9 / 0%	3 / 0%	17 / 6%	197 / 0%	117 / 1%	14 / 0%	6 / 0%	25 / 0%	8 / 0%	10 / 0%	18 / 0%
85 / 0%	19 / 0%	26 / 0%	21 / 0%	91 / 0%	523 / 0%	494 / 0%	41 / 2%	44 / 0%	47 / 0%	88 / 0%	88 / 0%	141 / 1%
44 / 0%	2 / 0%	3 / 0%	1 / 0%	3 / 0%	244 / 0%	122 / 0%	7 / 0%	4 / 0%	8 / 0%	3 / 0%	7 / 0%	11 / 0%
4 / 0%	0 / 0%	3 / 0%	2 / 0%	3 / 0%	97 / 0%	36 / 0%	3 / 0%	0 / 0%	0 / 0%	1 / 0%	1 / 0%	9 / 0%
794 / 5%	346 / 3%	658 / 2%	300 / 4%	752 / 6%	2109 / 1%	1873 / 0%	565 / 3%	411 / 4%	568 / 5%	844 / 5%	801 / 6%	1571 / 4%

Attachment 15 - (3-4) Initial Test Volume and Failure Rate by Model Year and Test Station

*Stations without emissions inspections in 2017 have been omitted

096114	096115	096117	096118	096119	096121	096122	096123	096125	096128	096133	096135	096136
4 / 0%	2 / 0%	1 / 0%	4 / 0%	8 / 13%	5 / 0%	4 / 0%	0 / 0%	3 / 0%	0 / 0%	0 / 0%	0 / 0%	5 / 20%
49 / 8%	25 / 16%	14 / 7%	20 / 5%	30 / 3%	30 / 13%	34 / 0%	4 / 0%	11 / 9%	2 / 0%	11 / 9%	5 / 0%	33 / 3%
10 / 10%	1 / 0%	1 / 0%	7 / 0%	19 / 11%	9 / 0%	4 / 0%	4 / 0%	3 / 0%	1 / 0%	1 / 0%	2 / 0%	12 / 17%
72 / 10%	35 / 3%	17 / 6%	21 / 5%	52 / 0%	50 / 4%	51 / 0%	13 / 0%	22 / 5%	6 / 0%	15 / 0%	6 / 0%	57 / 2%
27 / 19%	3 / 33%	4 / 0%	6 / 0%	43 / 0%	19 / 11%	4 / 0%	11 / 0%	9 / 0%	2 / 0%	7 / 0%	9 / 0%	13 / 0%
104 / 13%	53 / 15%	27 / 0%	49 / 8%	59 / 0%	100 / 9%	65 / 3%	20 / 0%	44 / 5%	10 / 0%	27 / 4%	8 / 25%	74 / 4%
31 / 3%	9 / 0%	12 / 0%	15 / 0%	53 / 2%	14 / 0%	9 / 0%	6 / 0%	18 / 0%	4 / 0%	7 / 0%	6 / 17%	36 / 3%
112 / 10%	71 / 6%	27 / 4%	68 / 3%	90 / 2%	161 / 4%	71 / 3%	21 / 5%	64 / 3%	22 / 0%	42 / 7%	16 / 6%	115 / 2%
17 / 0%	16 / 6%	2 / 0%	19 / 0%	45 / 0%	34 / 3%	13 / 0%	3 / 0%	26 / 0%	3 / 0%	17 / 0%	5 / 0%	37 / 3%
118 / 7%	112 / 7%	46 / 2%	103 / 1%	123 / 0%	236 / 6%	92 / 5%	20 / 0%	66 / 2%	21 / 0%	37 / 0%	9 / 11%	180 / 2%
18 / 6%	13 / 0%	8 / 0%	11 / 9%	36 / 0%	35 / 6%	8 / 0%	6 / 0%	11 / 0%	7 / 0%	12 / 8%	8 / 13%	42 / 0%
98 / 5%	151 / 3%	32 / 0%	115 / 5%	87 / 1%	279 / 2%	97 / 2%	11 / 0%	51 / 0%	58 / 0%	51 / 0%	10 / 0%	245 / 1%
16 / 6%	25 / 0%	1 / 0%	20 / 0%	50 / 0%	46 / 2%	6 / 0%	4 / 0%	13 / 0%	22 / 0%	11 / 0%	8 / 0%	59 / 5%
86 / 3%	127 / 6%	13 / 0%	101 / 2%	75 / 0%	273 / 5%	89 / 0%	14 / 0%	26 / 0%	68 / 0%	50 / 0%	7 / 0%	175 / 3%
10 / 0%	18 / 11%	2 / 0%	24 / 0%	22 / 0%	54 / 2%	5 / 0%	1 / 0%	6 / 0%	14 / 0%	7 / 0%	1 / 100%	37 / 0%
60 / 3%	177 / 1%	13 / 0%	121 / 1%	46 / 0%	375 / 3%	92 / 0%	9 / 0%	41 / 2%	111 / 0%	52 / 0%	11 / 9%	266 / 2%
7 / 14%	33 / 0%	5 / 0%	28 / 0%	8 / 0%	65 / 3%	6 / 0%	1 / 0%	9 / 0%	30 / 0%	10 / 0%	0 / 0%	41 / 0%
65 / 3%	213 / 0%	15 / 0%	173 / 1%	43 / 0%	436 / 0%	78 / 0%	8 / 0%	59 / 0%	169 / 1%	55 / 2%	8 / 0%	345 / 0%
12 / 0%	28 / 0%	3 / 0%	40 / 0%	6 / 0%	64 / 0%	8 / 0%	0 / 0%	14 / 0%	106 / 0%	19 / 0%	2 / 0%	59 / 2%
56 / 0%	240 / 2%	18 / 0%	144 / 0%	30 / 0%	387 / 0%	75 / 0%	4 / 0%	34 / 0%	256 / 0%	54 / 2%	6 / 0%	328 / 1%
0 / 0%	30 / 0%	0 / 0%	11 / 0%	2 / 0%	35 / 0%	6 / 0%	1 / 0%	6 / 0%	23 / 0%	7 / 0%	1 / 0%	31 / 0%
3 / 0%	5 / 0%	0 / 0%	6 / 0%	0 / 0%	2 / 0%	2 / 0%	0 / 0%	2 / 0%	32 / 0%	2 / 0%	0 / 0%	14 / 0%
975 / 5%	1387 / 5%	261 / 1%	1106 / 2%	927 / 1%	2709 / 3%	819 / 1%	161 / 0%	538 / 1%	967 / 0%	494 / 1%	128 / 8%	2204 / 3%

Attachment 15 - (3-4) Initial Test Volume and Failure Rate by Model Year and Test Station

*Stations without emissions inspections in 2017 have been omitted

096139	096140	096141	096142	096143	096144	096146	096147	096149	096150	096151	096156	096157
1 / 0%	1 / 0%	5 / 20%	1 / 0%	1 / 0%	6 / 0%	0 / 0%	5 / 20%	0 / 0%	0 / 0%	0 / 0%	3 / 0%	2 / 0%
10 / 0%	19 / 11%	7 / 0%	6 / 0%	11 / 0%	68 / 6%	15 / 0%	10 / 0%	5 / 80%	0 / 0%	5 / 0%	35 / 23%	19 / 5%
1 / 0%	7 / 0%	1 / 0%	1 / 0%	4 / 0%	12 / 0%	3 / 0%	3 / 0%	3 / 0%	5 / 0%	1 / 0%	9 / 0%	2 / 0%
24 / 4%	31 / 13%	15 / 0%	16 / 0%	25 / 8%	95 / 6%	24 / 8%	19 / 5%	5 / 0%	9 / 11%	10 / 0%	43 / 7%	31 / 26%
6 / 0%	12 / 8%	2 / 0%	7 / 0%	6 / 17%	27 / 0%	6 / 0%	4 / 0%	2 / 0%	9 / 0%	1 / 0%	7 / 29%	5 / 40%
26 / 0%	35 / 11%	26 / 8%	15 / 0%	36 / 11%	161 / 9%	35 / 6%	32 / 6%	8 / 0%	10 / 0%	22 / 5%	70 / 9%	41 / 5%
4 / 0%	9 / 11%	11 / 9%	10 / 0%	9 / 11%	28 / 4%	9 / 22%	12 / 0%	6 / 17%	11 / 9%	8 / 0%	11 / 0%	9 / 11%
19 / 11%	72 / 6%	34 / 3%	40 / 3%	54 / 4%	266 / 8%	63 / 13%	52 / 2%	18 / 6%	24 / 4%	21 / 10%	88 / 5%	60 / 8%
4 / 0%	17 / 6%	11 / 0%	11 / 0%	10 / 0%	42 / 2%	7 / 0%	14 / 0%	6 / 0%	11 / 0%	5 / 0%	10 / 0%	10 / 0%
37 / 3%	97 / 3%	56 / 4%	73 / 0%	63 / 0%	324 / 6%	72 / 6%	63 / 0%	17 / 18%	52 / 4%	29 / 0%	120 / 3%	67 / 4%
3 / 0%	22 / 0%	5 / 20%	20 / 0%	13 / 8%	41 / 2%	5 / 40%	15 / 0%	5 / 20%	19 / 0%	13 / 0%	9 / 0%	9 / 22%
28 / 7%	103 / 5%	51 / 4%	116 / 0%	80 / 1%	427 / 6%	68 / 4%	134 / 2%	24 / 8%	54 / 0%	55 / 0%	107 / 7%	79 / 8%
3 / 0%	22 / 0%	10 / 0%	46 / 0%	11 / 0%	42 / 5%	16 / 6%	25 / 4%	8 / 13%	26 / 4%	23 / 9%	15 / 13%	16 / 0%
36 / 0%	70 / 0%	38 / 0%	138 / 1%	54 / 4%	348 / 2%	52 / 4%	94 / 1%	25 / 0%	60 / 0%	58 / 2%	107 / 2%	63 / 3%
5 / 0%	20 / 0%	10 / 0%	56 / 0%	12 / 0%	36 / 3%	5 / 0%	34 / 0%	4 / 0%	40 / 3%	31 / 3%	10 / 0%	8 / 13%
30 / 0%	89 / 1%	69 / 1%	129 / 0%	79 / 0%	404 / 2%	45 / 0%	202 / 1%	25 / 12%	120 / 0%	145 / 4%	97 / 2%	77 / 1%
6 / 0%	13 / 0%	27 / 4%	64 / 0%	11 / 0%	49 / 0%	9 / 0%	56 / 0%	5 / 0%	36 / 0%	45 / 2%	6 / 0%	5 / 0%
29 / 0%	112 / 0%	112 / 0%	219 / 0%	105 / 1%	519 / 2%	61 / 0%	244 / 0%	33 / 6%	191 / 1%	163 / 0%	109 / 2%	101 / 0%
1 / 0%	18 / 0%	167 / 0%	256 / 0%	17 / 0%	34 / 6%	6 / 0%	102 / 0%	4 / 0%	131 / 2%	212 / 0%	11 / 0%	14 / 0%
29 / 0%	103 / 2%	414 / 0%	342 / 0%	94 / 1%	393 / 1%	46 / 0%	386 / 0%	21 / 0%	233 / 1%	237 / 0%	76 / 1%	78 / 0%
2 / 0%	16 / 0%	973 / 0%	87 / 0%	8 / 0%	29 / 0%	3 / 0%	74 / 0%	2 / 0%	42 / 0%	78 / 0%	3 / 0%	10 / 0%
0 / 0%	3 / 0%	259 / 0%	37 / 0%	2 / 0%	15 / 0%	0 / 0%	19 / 0%	1 / 0%	19 / 0%	128 / 0%	1 / 0%	0 / 0%
304 / 1%	891 / 3%	2303 / 3%	1690 / 0%	705 / 3%	3366 / 3%	550 / 5%	1599 / 2%	227 / 8%	1102 / 2%	1290 / 2%	947 / 5%	706 / 7%

Attachment 15 - (3-4) Initial Test Volume and Failure Rate by Model Year and Test Station

*Stations without emissions inspections in 2017 have been omitted

096158	096160	096161	096162	096163	096164	096167	096168	096169	096171	096172	096174	096176
4 / 0%	1 / 0%	0 / 0%	7 / 29%	1 / 0%	5 / 0%	7 / 0%	1 / 0%	0 / 0%	7 / 0%	0 / 0%	0 / 0%	1 / 0%
18 / 6%	17 / 12%	0 / 0%	18 / 0%	17 / 12%	27 / 7%	38 / 13%	19 / 0%	7 / 0%	16 / 6%	28 / 0%	8 / 13%	8 / 13%
9 / 22%	8 / 13%	0 / 0%	5 / 20%	2 / 0%	5 / 0%	14 / 7%	4 / 0%	1 / 0%	5 / 20%	10 / 10%	3 / 33%	3 / 0%
26 / 0%	36 / 0%	3 / 0%	32 / 13%	28 / 7%	59 / 2%	51 / 10%	30 / 0%	9 / 0%	32 / 3%	37 / 0%	11 / 0%	22 / 0%
3 / 0%	9 / 0%	1 / 0%	10 / 0%	3 / 0%	10 / 10%	20 / 20%	6 / 0%	2 / 0%	3 / 0%	8 / 0%	1 / 0%	3 / 0%
47 / 2%	41 / 7%	3 / 0%	31 / 0%	28 / 4%	65 / 0%	54 / 7%	41 / 0%	14 / 0%	29 / 7%	46 / 9%	11 / 9%	24 / 4%
5 / 20%	6 / 0%	0 / 0%	10 / 0%	9 / 11%	15 / 7%	15 / 13%	8 / 13%	3 / 0%	10 / 10%	16 / 6%	6 / 0%	9 / 0%
69 / 10%	39 / 5%	7 / 0%	50 / 8%	32 / 3%	74 / 4%	84 / 12%	47 / 2%	25 / 0%	43 / 2%	85 / 2%	22 / 0%	47 / 2%
10 / 10%	9 / 0%	2 / 0%	8 / 13%	8 / 13%	13 / 0%	23 / 4%	4 / 0%	6 / 0%	13 / 0%	17 / 6%	1 / 0%	13 / 0%
63 / 6%	69 / 7%	11 / 0%	59 / 7%	46 / 0%	86 / 2%	98 / 9%	42 / 5%	36 / 0%	34 / 9%	78 / 3%	23 / 9%	88 / 1%
18 / 0%	12 / 8%	2 / 0%	11 / 0%	9 / 11%	13 / 0%	30 / 7%	10 / 0%	5 / 0%	11 / 0%	8 / 0%	7 / 0%	21 / 0%
87 / 3%	54 / 0%	4 / 0%	78 / 4%	39 / 0%	92 / 2%	107 / 3%	52 / 2%	68 / 0%	38 / 0%	63 / 0%	27 / 11%	129 / 1%
13 / 0%	2 / 0%	1 / 0%	16 / 0%	5 / 0%	16 / 0%	17 / 24%	7 / 0%	5 / 0%	5 / 0%	9 / 11%	6 / 0%	42 / 0%
52 / 6%	33 / 0%	5 / 0%	76 / 0%	30 / 0%	58 / 5%	45 / 9%	30 / 0%	52 / 2%	17 / 6%	40 / 0%	20 / 0%	153 / 1%
9 / 0%	6 / 0%	1 / 0%	6 / 0%	5 / 0%	6 / 0%	4 / 0%	5 / 0%	10 / 10%	4 / 0%	5 / 0%	2 / 0%	51 / 0%
55 / 0%	37 / 0%	1 / 0%	83 / 0%	35 / 0%	84 / 0%	53 / 0%	38 / 0%	65 / 0%	20 / 0%	43 / 0%	27 / 0%	235 / 0%
7 / 0%	6 / 0%	1 / 0%	14 / 0%	4 / 0%	11 / 0%	8 / 13%	5 / 0%	13 / 0%	4 / 0%	6 / 0%	5 / 0%	105 / 0%
54 / 0%	54 / 0%	4 / 0%	93 / 1%	31 / 3%	74 / 0%	67 / 3%	40 / 0%	102 / 1%	19 / 0%	27 / 0%	33 / 0%	301 / 0%
4 / 0%	2 / 0%	0 / 0%	16 / 0%	2 / 0%	10 / 0%	13 / 8%	2 / 0%	24 / 0%	2 / 0%	8 / 0%	7 / 0%	185 / 0%
46 / 0%	34 / 0%	4 / 0%	74 / 0%	14 / 0%	67 / 0%	66 / 0%	23 / 0%	130 / 2%	23 / 4%	28 / 0%	19 / 0%	401 / 0%
4 / 0%	3 / 0%	0 / 0%	10 / 0%	2 / 0%	6 / 0%	3 / 0%	3 / 0%	20 / 0%	1 / 0%	1 / 0%	4 / 0%	128 / 0%
2 / 0%	2 / 0%	0 / 0%	0 / 0%	0 / 0%	0 / 0%	0 / 0%	0 / 0%	3 / 0%	1 / 0%	3 / 0%	1 / 0%	15 / 0%
605 / 4%	480 / 2%	50 / 0%	707 / 4%	350 / 3%	796 / 2%	817 / 7%	417 / 1%	600 / 1%	337 / 3%	566 / 2%	244 / 3%	1984 / 1%

Attachment 15 - (3-4) Initial Test Volume and Failure Rate by Model Year and Test Station

*Stations without emissions inspections in 2017 have been omitted

096177	096178	096179	096180	096181	096182	096184	096185	096186	096190	096191	096192	096193
1 / 0%	7 / 0%	0 / 0%	0 / 0%	2 / 0%	1 / 0%	1 / 100%	3 / 0%	2 / 0%	3 / 0%	0 / 0%	0 / 0%	1 / 0%
7 / 14%	18 / 11%	1 / 0%	11 / 0%	29 / 14%	11 / 9%	1 / 0%	16 / 6%	13 / 15%	20 / 5%	4 / 0%	1 / 0%	14 / 7%
3 / 0%	4 / 0%	0 / 0%	2 / 0%	10 / 20%	3 / 0%	1 / 0%	9 / 11%	0 / 0%	3 / 0%	2 / 50%	0 / 0%	1 / 0%
15 / 0%	27 / 15%	0 / 0%	15 / 7%	42 / 10%	17 / 0%	3 / 0%	29 / 7%	22 / 0%	14 / 21%	12 / 8%	4 / 0%	26 / 0%
6 / 17%	12 / 17%	0 / 0%	4 / 0%	17 / 0%	7 / 0%	0 / 0%	13 / 15%	4 / 50%	8 / 25%	5 / 0%	2 / 0%	4 / 0%
36 / 6%	29 / 17%	6 / 0%	14 / 0%	73 / 10%	20 / 0%	3 / 0%	55 / 11%	31 / 13%	44 / 25%	10 / 0%	14 / 21%	33 / 9%
5 / 20%	12 / 8%	2 / 0%	7 / 0%	14 / 21%	11 / 0%	0 / 0%	10 / 0%	10 / 10%	11 / 9%	5 / 0%	7 / 0%	9 / 0%
42 / 2%	56 / 5%	13 / 0%	18 / 0%	103 / 10%	29 / 0%	7 / 0%	73 / 5%	46 / 7%	32 / 22%	7 / 14%	11 / 9%	23 / 13%
8 / 0%	5 / 0%	4 / 0%	14 / 0%	20 / 10%	7 / 0%	0 / 0%	27 / 4%	7 / 0%	14 / 29%	6 / 0%	0 / 0%	6 / 17%
51 / 4%	64 / 9%	16 / 0%	35 / 0%	158 / 4%	26 / 0%	11 / 0%	99 / 4%	41 / 0%	51 / 24%	17 / 6%	14 / 14%	61 / 10%
5 / 0%	13 / 8%	8 / 0%	9 / 0%	19 / 0%	3 / 0%	6 / 17%	22 / 14%	9 / 0%	10 / 20%	12 / 0%	4 / 0%	17 / 6%
63 / 6%	75 / 1%	22 / 5%	40 / 3%	173 / 5%	20 / 0%	11 / 0%	125 / 5%	40 / 0%	55 / 29%	15 / 0%	13 / 0%	41 / 0%
7 / 14%	20 / 0%	9 / 0%	14 / 0%	30 / 3%	6 / 0%	14 / 0%	38 / 5%	16 / 6%	5 / 0%	7 / 0%	2 / 0%	4 / 0%
67 / 1%	62 / 2%	36 / 0%	31 / 0%	141 / 3%	12 / 0%	16 / 0%	136 / 2%	48 / 2%	39 / 13%	10 / 0%	14 / 0%	22 / 9%
5 / 0%	12 / 0%	16 / 0%	12 / 0%	15 / 0%	2 / 0%	17 / 0%	30 / 3%	13 / 0%	4 / 25%	5 / 0%	3 / 0%	6 / 0%
53 / 2%	71 / 1%	66 / 0%	26 / 0%	172 / 2%	5 / 0%	25 / 0%	175 / 2%	52 / 2%	37 / 5%	3 / 0%	12 / 0%	18 / 0%
25 / 0%	9 / 0%	19 / 0%	9 / 0%	14 / 7%	1 / 0%	17 / 0%	33 / 0%	3 / 0%	7 / 0%	4 / 0%	3 / 0%	6 / 0%
77 / 0%	64 / 2%	112 / 1%	30 / 0%	215 / 0%	14 / 7%	26 / 0%	266 / 0%	46 / 0%	28 / 7%	9 / 0%	15 / 0%	33 / 3%
50 / 0%	10 / 0%	137 / 0%	10 / 0%	21 / 0%	1 / 0%	23 / 0%	50 / 0%	4 / 0%	8 / 0%	0 / 0%	3 / 0%	4 / 0%
138 / 1%	67 / 0%	124 / 0%	33 / 0%	135 / 1%	13 / 0%	86 / 0%	255 / 1%	36 / 0%	19 / 0%	4 / 0%	17 / 0%	16 / 0%
234 / 1%	5 / 0%	58 / 0%	9 / 0%	8 / 0%	1 / 0%	783 / 0%	20 / 0%	4 / 0%	0 / 0%	1 / 0%	0 / 0%	1 / 0%
43 / 0%	2 / 0%	43 / 0%	0 / 0%	1 / 0%	0 / 0%	210 / 0%	8 / 0%	0 / 0%	0 / 0%	0 / 0%	1 / 0%	0 / 0%
941 / 4%	644 / 4%	692 / 0%	343 / 0%	1412 / 5%	210 / 1%	1261 / 5%	1492 / 4%	447 / 5%	412 / 12%	138 / 4%	140 / 2%	346 / 3%

Attachment 15 - (3-4) Initial Test Volume and Failure Rate by Model Year and Test Station

*Stations without emissions inspections in 2017 have been omitted

096194	096195	096204	096205	096208	096209	096212	096213	096214	096215	096217	096218	096220
6 / 0%	2 / 0%	4 / 0%	2 / 0%	2 / 0%	0 / 0%	4 / 25%	8 / 13%	0 / 0%	0 / 0%	7 / 0%	1 / 0%	1 / 0%
22 / 14%	12 / 0%	41 / 0%	5 / 20%	11 / 9%	3 / 0%	19 / 5%	39 / 5%	11 / 0%	4 / 0%	7 / 0%	4 / 0%	5 / 20%
7 / 14%	3 / 0%	10 / 0%	2 / 0%	7 / 43%	0 / 0%	2 / 0%	9 / 11%	2 / 0%	1 / 0%	10 / 0%	1 / 100%	6 / 33%
34 / 3%	8 / 0%	80 / 0%	12 / 0%	29 / 10%	8 / 0%	40 / 3%	65 / 3%	31 / 3%	8 / 0%	19 / 0%	11 / 0%	10 / 10%
18 / 0%	2 / 0%	12 / 0%	4 / 0%	8 / 0%	1 / 0%	6 / 17%	12 / 0%	6 / 0%	3 / 0%	11 / 0%	7 / 0%	8 / 13%
47 / 2%	28 / 0%	95 / 0%	12 / 0%	47 / 9%	18 / 0%	33 / 6%	76 / 3%	48 / 6%	16 / 0%	35 / 3%	14 / 14%	12 / 8%
25 / 4%	7 / 0%	25 / 0%	6 / 17%	22 / 14%	7 / 0%	14 / 7%	24 / 0%	14 / 7%	3 / 0%	12 / 0%	6 / 0%	9 / 11%
53 / 6%	43 / 2%	120 / 0%	36 / 8%	61 / 7%	14 / 0%	52 / 8%	103 / 3%	68 / 3%	29 / 10%	49 / 0%	40 / 0%	15 / 33%
27 / 4%	7 / 0%	23 / 0%	10 / 0%	24 / 4%	2 / 50%	10 / 10%	26 / 0%	17 / 0%	10 / 0%	12 / 0%	24 / 0%	17 / 18%
52 / 4%	79 / 3%	152 / 0%	49 / 0%	91 / 9%	10 / 0%	82 / 4%	101 / 3%	93 / 6%	67 / 1%	43 / 0%	72 / 3%	20 / 5%
21 / 0%	16 / 6%	25 / 0%	8 / 0%	29 / 3%	5 / 0%	15 / 7%	33 / 3%	16 / 13%	29 / 0%	19 / 0%	22 / 5%	13 / 0%
73 / 7%	114 / 2%	157 / 1%	56 / 2%	129 / 2%	16 / 6%	104 / 4%	123 / 3%	157 / 4%	112 / 3%	49 / 0%	88 / 7%	21 / 0%
21 / 0%	29 / 3%	31 / 0%	15 / 13%	41 / 2%	3 / 0%	16 / 0%	21 / 0%	25 / 0%	52 / 2%	13 / 8%	42 / 2%	7 / 0%
31 / 3%	83 / 2%	85 / 0%	49 / 2%	121 / 2%	7 / 14%	68 / 3%	61 / 7%	120 / 2%	136 / 1%	25 / 0%	172 / 2%	14 / 0%
13 / 0%	49 / 4%	12 / 0%	8 / 0%	33 / 0%	4 / 0%	13 / 0%	14 / 0%	27 / 4%	73 / 0%	3 / 0%	52 / 0%	3 / 0%
35 / 0%	137 / 2%	151 / 0%	51 / 0%	169 / 2%	4 / 0%	85 / 1%	64 / 0%	156 / 2%	291 / 1%	38 / 3%	194 / 2%	19 / 0%
8 / 0%	95 / 3%	18 / 0%	7 / 0%	54 / 2%	2 / 0%	16 / 0%	11 / 0%	27 / 0%	96 / 0%	5 / 0%	60 / 0%	2 / 0%
40 / 3%	232 / 0%	125 / 0%	56 / 0%	236 / 0%	7 / 0%	139 / 1%	53 / 2%	206 / 1%	434 / 0%	31 / 0%	312 / 0%	7 / 0%
19 / 0%	132 / 2%	10 / 0%	10 / 0%	54 / 0%	0 / 0%	17 / 0%	8 / 0%	39 / 0%	388 / 0%	5 / 0%	298 / 0%	4 / 0%
240 / 0%	310 / 2%	108 / 1%	47 / 2%	245 / 0%	4 / 0%	122 / 0%	49 / 0%	159 / 0%	788 / 0%	19 / 0%	681 / 0%	5 / 0%
313 / 1%	195 / 3%	13 / 0%	1 / 0%	26 / 0%	0 / 0%	10 / 0%	2 / 0%	13 / 0%	198 / 0%	1 / 0%	284 / 0%	2 / 0%
11 / 0%	76 / 0%	4 / 0%	1 / 0%	4 / 0%	0 / 0%	2 / 0%	0 / 0%	7 / 0%	65 / 0%	0 / 0%	185 / 0%	0 / 0%
1116 / 3%	1659 / 2%	1301 / 0%	447 / 3%	1443 / 5%	115 / 3%	869 / 5%	902 / 3%	1242 / 2%	2803 / 1%	413 / 1%	2570 / 6%	200 / 7%

Attachment 15 - (3-4) Initial Test Volume and Failure Rate by Model Year and Test Station

*Stations without emissions inspections in 2017 have been omitted

096221	096223	096229	096231	096233	096234	096235	096237	096238	096244	096245	096246	096247
1 / 0%	0 / 0%	2 / 0%	4 / 0%	4 / 0%	2 / 0%	8 / 13%	1 / 0%	2 / 0%	3 / 0%	1 / 0%	0 / 0%	1 / 100%
10 / 10%	0 / 0%	31 / 3%	13 / 8%	29 / 17%	8 / 25%	53 / 0%	12 / 17%	22 / 9%	17 / 0%	12 / 17%	0 / 0%	7 / 0%
7 / 0%	0 / 0%	7 / 0%	3 / 0%	11 / 9%	0 / 0%	14 / 0%	4 / 0%	2 / 0%	4 / 0%	6 / 17%	0 / 0%	5 / 0%
31 / 6%	0 / 0%	51 / 2%	34 / 3%	59 / 29%	9 / 0%	68 / 1%	23 / 4%	40 / 5%	14 / 0%	15 / 7%	1 / 0%	25 / 0%
4 / 0%	1 / 0%	5 / 0%	14 / 0%	17 / 24%	3 / 0%	23 / 0%	5 / 0%	5 / 0%	4 / 25%	8 / 25%	0 / 0%	5 / 0%
43 / 9%	0 / 0%	59 / 3%	48 / 8%	86 / 15%	13 / 8%	88 / 2%	20 / 5%	65 / 5%	28 / 0%	32 / 9%	1 / 0%	30 / 3%
12 / 0%	0 / 0%	16 / 0%	36 / 3%	21 / 10%	5 / 20%	22 / 5%	7 / 14%	13 / 8%	9 / 0%	13 / 15%	1 / 0%	11 / 0%
59 / 15%	4 / 0%	111 / 1%	78 / 0%	119 / 24%	14 / 0%	124 / 1%	45 / 0%	97 / 5%	35 / 6%	46 / 9%	1 / 0%	59 / 0%
17 / 6%	0 / 0%	11 / 0%	43 / 0%	29 / 24%	2 / 0%	18 / 0%	16 / 0%	18 / 11%	9 / 0%	11 / 9%	0 / 0%	17 / 6%
76 / 8%	2 / 0%	115 / 1%	87 / 8%	129 / 22%	20 / 5%	112 / 0%	44 / 7%	147 / 4%	41 / 7%	49 / 12%	1 / 0%	93 / 1%
16 / 13%	1 / 0%	17 / 6%	44 / 0%	29 / 17%	5 / 0%	26 / 4%	12 / 0%	29 / 7%	6 / 0%	14 / 14%	2 / 0%	15 / 0%
83 / 5%	5 / 0%	132 / 2%	86 / 1%	100 / 11%	30 / 7%	107 / 0%	86 / 2%	206 / 3%	35 / 0%	67 / 4%	6 / 0%	148 / 3%
18 / 0%	0 / 0%	14 / 0%	30 / 0%	27 / 11%	3 / 0%	16 / 6%	16 / 0%	38 / 5%	5 / 0%	14 / 7%	0 / 0%	20 / 0%
70 / 6%	1 / 0%	100 / 0%	47 / 0%	89 / 17%	26 / 4%	48 / 0%	57 / 4%	186 / 2%	37 / 0%	52 / 10%	2 / 0%	120 / 2%
11 / 18%	0 / 0%	11 / 0%	14 / 0%	15 / 27%	4 / 0%	11 / 0%	10 / 0%	32 / 0%	7 / 14%	8 / 13%	5 / 0%	20 / 5%
90 / 2%	0 / 0%	118 / 0%	44 / 2%	78 / 9%	36 / 3%	61 / 0%	106 / 1%	238 / 2%	27 / 7%	45 / 7%	3 / 0%	182 / 2%
11 / 18%	1 / 0%	7 / 0%	4 / 0%	14 / 7%	1 / 0%	11 / 0%	12 / 0%	32 / 0%	0 / 0%	11 / 0%	3 / 0%	24 / 0%
81 / 0%	1 / 0%	114 / 0%	46 / 0%	99 / 4%	32 / 0%	63 / 0%	128 / 1%	256 / 1%	53 / 0%	76 / 0%	4 / 25%	230 / 0%
8 / 0%	2 / 0%	11 / 0%	9 / 0%	13 / 0%	6 / 0%	7 / 0%	15 / 0%	39 / 0%	4 / 0%	19 / 0%	5 / 0%	32 / 0%
74 / 0%	1 / 0%	109 / 0%	34 / 0%	60 / 0%	29 / 0%	55 / 0%	75 / 0%	238 / 0%	39 / 0%	62 / 0%	3 / 0%	236 / 1%
9 / 0%	0 / 0%	4 / 0%	6 / 0%	3 / 0%	4 / 0%	1 / 0%	9 / 0%	21 / 0%	1 / 0%	14 / 7%	2 / 0%	17 / 0%
0 / 0%	0 / 0%	0 / 0%	2 / 0%	1 / 0%	0 / 0%	0 / 0%	1 / 0%	6 / 0%	0 / 0%	2 / 0%	2 / 0%	4 / 0%
731 / 5%	19 / 0%	1045 / 1%	726 / 2%	1032 / 13%	252 / 3%	936 / 1%	704 / 2%	1732 / 3%	378 / 3%	577 / 8%	42 / 1%	1301 / 6%

Attachment 15 - (3-4) Initial Test Volume and Failure Rate by Model Year and Test Station

*Stations without emissions inspections in 2017 have been omitted

096249	096254	096256	096257	096259	096261	096267	096271	096273	096279	096281	096283	096285
0 / 0%	5 / 0%	0 / 0%	4 / 50%	3 / 0%	3 / 33%	4 / 0%	0 / 0%	3 / 0%	3 / 0%	0 / 0%	2 / 0%	3 / 0%
3 / 0%	21 / 0%	19 / 16%	14 / 7%	18 / 28%	29 / 10%	9 / 11%	5 / 0%	16 / 6%	12 / 8%	4 / 25%	1 / 0%	10 / 0%
4 / 0%	7 / 14%	3 / 0%	6 / 0%	5 / 0%	7 / 14%	1 / 0%	2 / 0%	5 / 0%	3 / 33%	1 / 0%	0 / 0%	3 / 0%
26 / 0%	47 / 17%	26 / 8%	23 / 0%	33 / 15%	39 / 8%	26 / 8%	6 / 0%	33 / 0%	18 / 6%	9 / 0%	4 / 0%	24 / 8%
6 / 0%	11 / 0%	3 / 0%	5 / 0%	11 / 0%	5 / 0%	5 / 0%	0 / 0%	8 / 0%	5 / 0%	6 / 0%	3 / 0%	5 / 0%
29 / 7%	61 / 13%	28 / 0%	34 / 12%	51 / 6%	54 / 6%	53 / 8%	9 / 0%	28 / 4%	23 / 4%	16 / 0%	6 / 0%	30 / 7%
9 / 0%	16 / 0%	12 / 8%	13 / 15%	12 / 0%	7 / 29%	10 / 0%	2 / 0%	8 / 0%	6 / 0%	7 / 0%	2 / 0%	2 / 0%
35 / 3%	78 / 8%	53 / 0%	65 / 8%	53 / 13%	74 / 4%	91 / 7%	11 / 0%	69 / 10%	35 / 6%	19 / 0%	15 / 0%	35 / 3%
10 / 0%	28 / 4%	10 / 10%	16 / 13%	24 / 17%	11 / 9%	10 / 10%	6 / 0%	16 / 6%	8 / 0%	6 / 0%	5 / 0%	6 / 17%
57 / 2%	103 / 5%	62 / 0%	64 / 9%	63 / 11%	83 / 4%	129 / 7%	15 / 0%	50 / 4%	44 / 9%	24 / 0%	24 / 0%	30 / 0%
18 / 0%	26 / 12%	8 / 13%	24 / 4%	18 / 0%	19 / 0%	14 / 0%	9 / 0%	13 / 8%	14 / 7%	9 / 0%	15 / 0%	7 / 29%
48 / 2%	141 / 3%	64 / 5%	81 / 2%	65 / 3%	94 / 5%	152 / 3%	25 / 0%	61 / 3%	40 / 5%	31 / 0%	48 / 6%	31 / 6%
10 / 0%	21 / 0%	7 / 0%	15 / 0%	20 / 5%	13 / 15%	22 / 5%	18 / 0%	15 / 0%	4 / 0%	8 / 0%	20 / 0%	8 / 0%
40 / 0%	99 / 0%	47 / 0%	45 / 4%	43 / 5%	62 / 5%	125 / 0%	19 / 0%	44 / 2%	34 / 3%	23 / 0%	80 / 0%	24 / 0%
10 / 0%	34 / 3%	3 / 0%	6 / 0%	8 / 0%	10 / 0%	25 / 4%	9 / 0%	7 / 0%	9 / 11%	12 / 0%	32 / 0%	4 / 0%
34 / 0%	142 / 2%	47 / 4%	44 / 2%	52 / 4%	67 / 3%	174 / 1%	20 / 0%	52 / 2%	33 / 3%	45 / 0%	88 / 0%	18 / 0%
10 / 10%	40 / 3%	8 / 0%	11 / 0%	7 / 0%	3 / 0%	17 / 0%	16 / 0%	7 / 0%	8 / 0%	9 / 0%	57 / 0%	4 / 0%
50 / 0%	209 / 0%	39 / 0%	45 / 0%	58 / 0%	84 / 0%	181 / 1%	20 / 0%	48 / 2%	32 / 3%	43 / 0%	166 / 0%	9 / 0%
6 / 0%	44 / 0%	4 / 0%	11 / 0%	9 / 0%	15 / 0%	33 / 0%	8 / 0%	7 / 0%	3 / 0%	9 / 0%	112 / 0%	2 / 0%
40 / 0%	212 / 0%	46 / 0%	47 / 2%	52 / 0%	71 / 1%	193 / 1%	17 / 6%	50 / 0%	44 / 0%	52 / 0%	249 / 0%	17 / 0%
6 / 0%	26 / 0%	2 / 0%	2 / 0%	4 / 0%	8 / 0%	15 / 0%	4 / 0%	2 / 0%	2 / 0%	9 / 0%	85 / 0%	1 / 0%
0 / 0%	2 / 0%	1 / 0%	2 / 0%	2 / 0%	3 / 0%	6 / 0%	1 / 0%	3 / 0%	2 / 0%	1 / 0%	33 / 0%	0 / 0%
451 / 1%	1373 / 4%	492 / 3%	577 / 6%	611 / 5%	761 / 7%	1295 / 3%	222 / 0%	545 / 2%	382 / 4%	343 / 1%	1047 / 0%	273 / 3%

Attachment 15 - (3-4) Initial Test Volume and Failure Rate by Model Year and Test Station

*Stations without emissions inspections in 2017 have been omitted

096286	096290	096293	096295	096296	096297	096303	096310	096313	096314	096315	096318	096319
2 / 0%	2 / 0%	3 / 0%	4 / 0%	2 / 0%	20 / 10%	3 / 0%	6 / 17%	1 / 0%	0 / 0%	2 / 0%	8 / 0%	2 / 0%
17 / 0%	25 / 12%	18 / 0%	18 / 0%	22 / 14%	51 / 16%	5 / 20%	16 / 6%	0 / 0%	13 / 8%	16 / 6%	24 / 4%	12 / 8%
3 / 0%	4 / 50%	10 / 20%	4 / 0%	1 / 0%	17 / 6%	2 / 0%	4 / 0%	2 / 0%	3 / 33%	6 / 0%	5 / 0%	4 / 0%
32 / 3%	43 / 7%	21 / 5%	20 / 5%	30 / 7%	78 / 6%	18 / 6%	33 / 3%	8 / 13%	24 / 0%	24 / 4%	32 / 3%	27 / 7%
11 / 0%	14 / 0%	7 / 0%	4 / 0%	5 / 0%	30 / 10%	13 / 0%	10 / 10%	4 / 0%	6 / 17%	13 / 31%	9 / 11%	11 / 9%
35 / 0%	56 / 7%	27 / 4%	27 / 0%	37 / 5%	112 / 4%	15 / 0%	62 / 2%	16 / 0%	35 / 6%	40 / 5%	62 / 8%	39 / 10%
21 / 0%	18 / 17%	7 / 0%	16 / 0%	12 / 17%	45 / 2%	7 / 0%	10 / 0%	7 / 0%	5 / 40%	11 / 9%	14 / 14%	16 / 31%
67 / 4%	77 / 5%	57 / 0%	53 / 0%	53 / 6%	141 / 6%	25 / 8%	60 / 2%	30 / 0%	38 / 0%	81 / 6%	103 / 5%	67 / 4%
14 / 0%	19 / 5%	9 / 11%	30 / 0%	12 / 0%	29 / 3%	7 / 0%	8 / 0%	14 / 0%	7 / 14%	9 / 22%	18 / 6%	11 / 0%
71 / 1%	89 / 6%	58 / 3%	89 / 1%	63 / 6%	156 / 3%	28 / 0%	74 / 0%	32 / 0%	43 / 2%	87 / 5%	97 / 6%	99 / 8%
16 / 0%	15 / 7%	12 / 0%	32 / 0%	22 / 5%	40 / 10%	11 / 0%	11 / 0%	23 / 0%	11 / 18%	20 / 5%	25 / 0%	10 / 20%
74 / 0%	99 / 4%	57 / 9%	143 / 0%	70 / 1%	140 / 8%	33 / 6%	69 / 0%	90 / 0%	46 / 0%	131 / 5%	148 / 5%	101 / 5%
9 / 0%	12 / 0%	10 / 0%	65 / 2%	11 / 0%	29 / 3%	13 / 15%	2 / 0%	45 / 0%	10 / 0%	14 / 0%	23 / 4%	18 / 11%
46 / 0%	80 / 1%	49 / 0%	141 / 2%	68 / 0%	92 / 0%	52 / 6%	54 / 2%	96 / 2%	55 / 2%	72 / 1%	126 / 2%	86 / 2%
11 / 0%	13 / 8%	4 / 25%	54 / 0%	9 / 0%	24 / 17%	21 / 0%	8 / 0%	49 / 0%	7 / 14%	23 / 0%	20 / 0%	10 / 10%
51 / 0%	67 / 0%	36 / 0%	239 / 1%	56 / 2%	103 / 4%	39 / 0%	39 / 0%	150 / 0%	31 / 0%	130 / 2%	96 / 2%	115 / 2%
10 / 0%	16 / 6%	11 / 0%	119 / 1%	11 / 0%	20 / 5%	20 / 0%	8 / 0%	108 / 0%	8 / 0%	11 / 0%	17 / 0%	10 / 0%
51 / 0%	91 / 1%	73 / 0%	362 / 1%	65 / 0%	113 / 0%	50 / 0%	73 / 0%	345 / 0%	41 / 2%	144 / 1%	135 / 1%	115 / 0%
6 / 0%	12 / 0%	11 / 0%	223 / 0%	14 / 0%	24 / 0%	16 / 0%	6 / 0%	278 / 0%	3 / 0%	22 / 0%	26 / 4%	10 / 0%
57 / 0%	66 / 0%	48 / 0%	528 / 0%	40 / 0%	103 / 0%	35 / 0%	37 / 3%	271 / 0%	21 / 0%	141 / 0%	113 / 0%	94 / 1%
1 / 0%	4 / 0%	5 / 0%	199 / 0%	5 / 0%	12 / 0%	9 / 0%	3 / 0%	90 / 0%	0 / 0%	13 / 0%	10 / 0%	11 / 0%
1 / 0%	2 / 0%	2 / 0%	193 / 0%	2 / 50%	2 / 0%	2 / 0%	1 / 0%	29 / 0%	1 / 0%	3 / 0%	1 / 0%	0 / 0%
606 / 0%	824 / 6%	535 / 3%	2563 / 1%	610 / 5%	1381 / 5%	424 / 3%	594 / 2%	1688 / 1%	408 / 7%	1013 / 5%	1112 / 3%	868 / 6%

Attachment 15 - (3-4) Initial Test Volume and Failure Rate by Model Year and Test Station

*Stations without emissions inspections in 2017 have been omitted

096324	096326	096327	096330	096332	096333	096335	096337	096339	096340	096342	096343	096344
0 / 0%	0 / 0%	1 / 0%	1 / 0%	0 / 0%	0 / 0%	4 / 0%	3 / 33%	2 / 0%	0 / 0%	1 / 0%	7 / 0%	0 / 0%
8 / 13%	0 / 0%	7 / 0%	8 / 0%	6 / 0%	11 / 9%	16 / 19%	12 / 0%	13 / 15%	24 / 8%	8 / 0%	56 / 7%	1 / 0%
2 / 50%	1 / 0%	2 / 0%	2 / 0%	2 / 0%	2 / 0%	4 / 25%	2 / 0%	5 / 0%	2 / 50%	3 / 0%	12 / 0%	2 / 0%
18 / 0%	0 / 0%	8 / 0%	11 / 9%	21 / 0%	14 / 14%	25 / 8%	23 / 4%	26 / 8%	18 / 6%	14 / 7%	114 / 8%	2 / 0%
3 / 0%	0 / 0%	3 / 0%	2 / 0%	7 / 14%	7 / 0%	16 / 6%	11 / 18%	4 / 0%	13 / 0%	5 / 0%	23 / 17%	0 / 0%
24 / 25%	1 / 0%	13 / 0%	22 / 9%	21 / 0%	28 / 18%	45 / 2%	40 / 3%	36 / 8%	27 / 7%	12 / 0%	161 / 11%	5 / 0%
6 / 0%	1 / 0%	3 / 0%	5 / 0%	8 / 0%	13 / 15%	13 / 0%	7 / 0%	12 / 0%	9 / 0%	10 / 0%	38 / 16%	1 / 0%
45 / 9%	0 / 0%	16 / 0%	39 / 10%	19 / 0%	20 / 10%	78 / 10%	61 / 3%	65 / 12%	32 / 19%	14 / 0%	200 / 6%	5 / 0%
8 / 13%	0 / 0%	5 / 0%	1 / 100%	13 / 0%	14 / 0%	37 / 8%	9 / 0%	21 / 5%	13 / 8%	6 / 0%	45 / 2%	1 / 0%
59 / 10%	2 / 0%	17 / 0%	39 / 3%	65 / 2%	56 / 0%	138 / 4%	82 / 7%	77 / 4%	49 / 6%	25 / 0%	236 / 5%	6 / 0%
7 / 0%	0 / 0%	18 / 0%	16 / 0%	20 / 0%	15 / 27%	30 / 10%	9 / 11%	27 / 0%	19 / 5%	8 / 0%	43 / 7%	3 / 0%
60 / 12%	1 / 0%	31 / 0%	84 / 5%	125 / 1%	44 / 2%	193 / 5%	111 / 3%	131 / 1%	60 / 5%	29 / 0%	238 / 3%	10 / 0%
3 / 33%	2 / 0%	11 / 0%	18 / 6%	20 / 0%	12 / 0%	38 / 3%	14 / 7%	26 / 8%	31 / 6%	5 / 0%	34 / 3%	1 / 0%
45 / 11%	6 / 0%	28 / 0%	73 / 3%	76 / 1%	41 / 10%	179 / 4%	74 / 3%	97 / 6%	34 / 6%	16 / 0%	161 / 3%	2 / 0%
4 / 0%	2 / 0%	11 / 0%	21 / 5%	35 / 6%	3 / 0%	46 / 9%	12 / 0%	15 / 0%	22 / 0%	2 / 0%	20 / 0%	0 / 0%
52 / 0%	1 / 0%	60 / 2%	114 / 0%	178 / 2%	51 / 2%	246 / 2%	84 / 4%	147 / 2%	31 / 0%	26 / 4%	173 / 3%	6 / 17%
5 / 0%	4 / 0%	27 / 0%	32 / 0%	90 / 1%	11 / 0%	37 / 0%	13 / 0%	20 / 5%	11 / 0%	9 / 0%	27 / 0%	1 / 0%
45 / 0%	1 / 0%	98 / 0%	143 / 1%	284 / 0%	60 / 0%	244 / 0%	101 / 1%	169 / 0%	33 / 0%	40 / 0%	221 / 0%	3 / 0%
7 / 0%	0 / 0%	87 / 0%	65 / 0%	244 / 1%	7 / 0%	41 / 0%	12 / 0%	21 / 0%	9 / 0%	4 / 0%	27 / 0%	1 / 0%
30 / 0%	0 / 0%	140 / 0%	119 / 0%	752 / 1%	45 / 0%	217 / 0%	79 / 0%	167 / 1%	16 / 0%	22 / 0%	163 / 0%	5 / 0%
2 / 0%	0 / 0%	69 / 0%	28 / 0%	350 / 1%	4 / 0%	22 / 0%	11 / 0%	14 / 0%	3 / 0%	4 / 0%	5 / 0%	0 / 0%
0 / 0%	0 / 0%	68 / 0%	5 / 0%	211 / 0%	1 / 0%	4 / 0%	1 / 0%	2 / 0%	0 / 0%	0 / 0%	3 / 0%	0 / 0%
433 / 8%	22 / 0%	723 / 0%	848 / 7%	2547 / 1%	459 / 5%	1673 / 5%	771 / 4%	1097 / 3%	456 / 6%	263 / 0%	2007 / 4%	55 / 1%

Attachment 15 - (3-4) Initial Test Volume and Failure Rate by Model Year and Test Station

*Stations without emissions inspections in 2017 have been omitted

096346	096347	096348	096351	096354	096358	096359	096366	096368	096369	096373	096374	096375
0 / 0%	2 / 0%	12 / 8%	2 / 0%	8 / 0%	1 / 0%	0 / 0%	6 / 0%	0 / 0%	2 / 0%	4 / 0%	0 / 0%	1 / 0%
1 / 0%	11 / 9%	47 / 2%	12 / 0%	39 / 0%	8 / 13%	10 / 0%	17 / 12%	0 / 0%	24 / 8%	8 / 25%	0 / 0%	13 / 0%
1 / 0%	5 / 0%	23 / 9%	5 / 0%	12 / 0%	1 / 0%	1 / 0%	5 / 0%	2 / 0%	4 / 0%	7 / 0%	0 / 0%	2 / 0%
4 / 0%	28 / 4%	87 / 9%	26 / 8%	73 / 3%	17 / 12%	19 / 0%	29 / 10%	4 / 25%	34 / 3%	25 / 0%	0 / 0%	22 / 0%
1 / 0%	5 / 0%	42 / 2%	8 / 13%	24 / 0%	4 / 0%	0 / 0%	2 / 0%	1 / 0%	5 / 0%	12 / 17%	0 / 0%	5 / 0%
6 / 0%	24 / 4%	109 / 4%	61 / 3%	66 / 5%	31 / 6%	22 / 5%	45 / 4%	7 / 0%	61 / 0%	58 / 9%	0 / 0%	31 / 0%
3 / 0%	11 / 0%	60 / 2%	12 / 8%	50 / 2%	8 / 13%	4 / 0%	10 / 0%	4 / 0%	6 / 0%	22 / 0%	0 / 0%	9 / 0%
11 / 0%	57 / 2%	192 / 2%	93 / 6%	96 / 4%	45 / 11%	34 / 3%	58 / 7%	11 / 0%	55 / 2%	81 / 5%	3 / 33%	50 / 0%
3 / 0%	7 / 0%	69 / 3%	25 / 8%	42 / 0%	7 / 0%	3 / 0%	17 / 6%	5 / 0%	5 / 0%	19 / 0%	0 / 0%	13 / 0%
11 / 0%	68 / 1%	227 / 2%	154 / 3%	106 / 4%	50 / 8%	42 / 0%	61 / 2%	17 / 0%	64 / 3%	122 / 4%	8 / 0%	89 / 1%
1 / 0%	14 / 0%	60 / 5%	37 / 5%	47 / 2%	7 / 0%	8 / 0%	19 / 0%	13 / 0%	6 / 17%	26 / 4%	2 / 0%	14 / 0%
18 / 0%	111 / 2%	232 / 3%	187 / 2%	77 / 1%	55 / 5%	50 / 4%	89 / 1%	55 / 0%	89 / 1%	166 / 7%	4 / 25%	90 / 2%
0 / 0%	23 / 0%	66 / 2%	34 / 0%	31 / 0%	8 / 0%	3 / 0%	14 / 0%	32 / 3%	11 / 0%	17 / 0%	4 / 0%	12 / 0%
10 / 0%	122 / 2%	198 / 1%	174 / 3%	42 / 0%	47 / 2%	38 / 0%	54 / 4%	108 / 0%	35 / 0%	129 / 2%	3 / 0%	111 / 0%
1 / 0%	18 / 0%	40 / 3%	38 / 3%	10 / 0%	6 / 0%	9 / 0%	23 / 0%	31 / 0%	4 / 0%	16 / 6%	0 / 0%	31 / 0%
7 / 0%	219 / 2%	258 / 2%	264 / 2%	46 / 0%	51 / 4%	53 / 0%	52 / 0%	199 / 0%	39 / 0%	124 / 2%	11 / 0%	166 / 0%
2 / 0%	34 / 0%	45 / 0%	44 / 2%	15 / 0%	5 / 0%	4 / 0%	14 / 0%	76 / 0%	6 / 0%	25 / 0%	2 / 0%	32 / 0%
21 / 0%	353 / 0%	337 / 1%	311 / 0%	41 / 2%	50 / 0%	55 / 2%	81 / 1%	427 / 0%	78 / 0%	126 / 1%	6 / 0%	214 / 0%
2 / 0%	45 / 0%	54 / 4%	64 / 0%	7 / 0%	2 / 0%	8 / 0%	11 / 0%	326 / 0%	6 / 0%	23 / 0%	3 / 0%	145 / 0%
10 / 0%	544 / 0%	260 / 0%	268 / 0%	33 / 0%	38 / 0%	40 / 0%	114 / 0%	411 / 0%	43 / 0%	131 / 0%	10 / 0%	232 / 0%
2 / 0%	65 / 0%	27 / 0%	35 / 0%	5 / 0%	5 / 0%	2 / 0%	28 / 0%	186 / 0%	0 / 0%	8 / 0%	1 / 0%	119 / 0%
1 / 100%	13 / 0%	8 / 0%	8 / 0%	1 / 0%	1 / 0%	0 / 0%	5 / 0%	63 / 0%	0 / 0%	0 / 0%	0 / 0%	77 / 1%
116 / 5%	1779 / 1%	2453 / 3%	1862 / 3%	871 / 1%	447 / 3%	405 / 1%	754 / 2%	1978 / 1%	577 / 2%	1149 / 4%	57 / 3%	1478 / 0%

Attachment 15 - (3-4) Initial Test Volume and Failure Rate by Model Year and Test Station

*Stations without emissions inspections in 2017 have been omitted

096377	096385	096386	096388	096389	096391	096394	096395	096396	096398	096400	096402	096407
1 / 0%	2 / 0%	1 / 0%	0 / 0%	9 / 0%	37 / 16%	1 / 0%	7 / 14%	1 / 0%	5 / 40%	0 / 0%	5 / 0%	1 / 0%
7 / 0%	20 / 5%	11 / 0%	1 / 0%	39 / 0%	136 / 5%	4 / 0%	31 / 10%	20 / 5%	9 / 0%	6 / 0%	13 / 15%	16 / 13%
1 / 0%	7 / 0%	4 / 0%	0 / 0%	9 / 0%	53 / 8%	3 / 0%	8 / 0%	6 / 0%	6 / 0%	2 / 0%	7 / 0%	5 / 20%
15 / 0%	28 / 11%	27 / 7%	9 / 0%	73 / 4%	264 / 3%	18 / 0%	37 / 3%	33 / 0%	16 / 13%	9 / 0%	30 / 3%	31 / 6%
8 / 0%	12 / 17%	10 / 0%	1 / 0%	18 / 6%	113 / 8%	10 / 0%	10 / 0%	2 / 0%	8 / 25%	4 / 0%	14 / 0%	17 / 24%
46 / 2%	63 / 14%	49 / 2%	5 / 0%	81 / 4%	428 / 6%	22 / 0%	53 / 2%	53 / 0%	26 / 8%	18 / 0%	32 / 6%	29 / 14%
5 / 0%	16 / 0%	11 / 0%	2 / 0%	26 / 0%	165 / 5%	3 / 0%	19 / 0%	9 / 0%	8 / 0%	5 / 0%	16 / 0%	15 / 0%
74 / 0%	88 / 13%	97 / 2%	18 / 0%	92 / 2%	597 / 5%	20 / 0%	68 / 1%	64 / 0%	31 / 13%	16 / 0%	39 / 3%	37 / 8%
17 / 0%	16 / 0%	32 / 0%	2 / 0%	19 / 0%	193 / 4%	6 / 0%	12 / 0%	14 / 0%	14 / 14%	10 / 10%	26 / 0%	19 / 5%
118 / 1%	119 / 3%	136 / 0%	23 / 0%	103 / 2%	790 / 4%	21 / 0%	80 / 1%	84 / 2%	36 / 6%	21 / 10%	54 / 2%	59 / 3%
24 / 4%	21 / 10%	35 / 0%	11 / 0%	25 / 0%	223 / 2%	4 / 0%	15 / 0%	18 / 6%	14 / 21%	5 / 0%	26 / 0%	14 / 0%
186 / 1%	163 / 6%	186 / 1%	28 / 0%	94 / 0%	864 / 3%	22 / 5%	82 / 4%	108 / 0%	46 / 11%	19 / 0%	63 / 3%	58 / 10%
45 / 2%	35 / 3%	70 / 0%	11 / 0%	19 / 0%	214 / 2%	5 / 0%	14 / 0%	12 / 0%	12 / 0%	6 / 0%	26 / 0%	11 / 0%
186 / 0%	127 / 5%	371 / 0%	49 / 0%	48 / 0%	704 / 3%	17 / 12%	71 / 0%	67 / 1%	20 / 0%	10 / 0%	31 / 0%	47 / 2%
54 / 2%	33 / 0%	64 / 0%	17 / 0%	10 / 0%	176 / 2%	3 / 0%	15 / 0%	18 / 0%	3 / 0%	5 / 0%	10 / 0%	8 / 0%
248 / 0%	121 / 3%	316 / 1%	89 / 0%	72 / 1%	761 / 2%	22 / 0%	103 / 0%	98 / 0%	24 / 4%	14 / 0%	33 / 0%	33 / 3%
71 / 0%	21 / 5%	91 / 0%	27 / 0%	12 / 0%	167 / 1%	5 / 0%	13 / 0%	15 / 0%	2 / 0%	1 / 0%	4 / 0%	13 / 0%
377 / 0%	175 / 1%	501 / 0%	101 / 1%	74 / 0%	1052 / 1%	16 / 0%	85 / 0%	87 / 0%	27 / 4%	11 / 0%	26 / 0%	67 / 0%
182 / 0%	29 / 0%	526 / 0%	51 / 0%	10 / 0%	153 / 0%	1 / 0%	9 / 0%	20 / 0%	3 / 0%	1 / 0%	7 / 0%	14 / 7%
570 / 0%	155 / 1%	666 / 0%	198 / 1%	50 / 2%	879 / 1%	26 / 0%	82 / 0%	86 / 0%	21 / 0%	13 / 0%	18 / 0%	39 / 3%
274 / 0%	15 / 7%	152 / 0%	36 / 0%	3 / 0%	83 / 1%	0 / 0%	7 / 0%	8 / 0%	2 / 0%	1 / 0%	6 / 0%	4 / 0%
49 / 0%	2 / 0%	47 / 2%	39 / 0%	2 / 0%	15 / 0%	1 / 0%	1 / 0%	2 / 0%	0 / 0%	1 / 0%	0 / 0%	2 / 0%
2558 / 1%	1268 / 5%	3403 / 1%	718 / 0%	888 / 1%	8067 / 4%	230 / 1%	822 / 2%	825 / 1%	333 / 7%	178 / 1%	486 / 1%	539 / 5%

Attachment 15 - (3-4) Initial Test Volume and Failure Rate by Model Year and Test Station

*Stations without emissions inspections in 2017 have been omitted

096411	096413	096415	096420	096421	096423	096425	096429	096432	096435	096436	096437	096444
1 / 0%	7 / 29%	2 / 0%	1 / 100%	8 / 0%	10 / 10%	2 / 0%	6 / 33%	4 / 0%	1 / 0%	1 / 0%	2 / 0%	0 / 0%
7 / 14%	47 / 2%	3 / 0%	16 / 0%	41 / 7%	13 / 38%	13 / 31%	34 / 6%	21 / 14%	13 / 15%	18 / 22%	21 / 14%	0 / 0%
0 / 0%	16 / 13%	0 / 0%	2 / 0%	10 / 0%	10 / 0%	4 / 0%	11 / 9%	5 / 20%	6 / 17%	4 / 0%	6 / 17%	0 / 0%
12 / 8%	72 / 6%	9 / 0%	10 / 0%	54 / 9%	41 / 17%	32 / 3%	57 / 5%	37 / 3%	22 / 9%	27 / 7%	36 / 8%	0 / 0%
4 / 25%	33 / 3%	3 / 0%	3 / 0%	13 / 8%	12 / 17%	4 / 25%	32 / 6%	10 / 0%	5 / 0%	8 / 13%	18 / 11%	1 / 0%
12 / 0%	122 / 5%	9 / 0%	28 / 0%	52 / 8%	48 / 8%	38 / 8%	74 / 4%	46 / 7%	43 / 2%	52 / 10%	48 / 17%	1 / 0%
8 / 0%	62 / 8%	2 / 0%	6 / 0%	10 / 10%	13 / 31%	8 / 0%	18 / 11%	7 / 0%	14 / 21%	10 / 0%	17 / 12%	0 / 0%
20 / 10%	196 / 6%	11 / 0%	40 / 0%	59 / 3%	83 / 14%	61 / 3%	94 / 5%	63 / 6%	48 / 6%	57 / 12%	82 / 9%	2 / 50%
6 / 0%	54 / 2%	2 / 0%	14 / 0%	11 / 0%	17 / 6%	21 / 10%	18 / 6%	11 / 0%	13 / 8%	10 / 10%	16 / 13%	2 / 0%
33 / 0%	246 / 2%	15 / 0%	50 / 2%	73 / 3%	93 / 12%	81 / 0%	109 / 4%	86 / 2%	85 / 13%	78 / 6%	109 / 5%	2 / 0%
8 / 0%	55 / 4%	4 / 0%	16 / 0%	14 / 0%	22 / 0%	10 / 0%	24 / 4%	19 / 0%	12 / 8%	15 / 7%	17 / 0%	2 / 0%
18 / 6%	300 / 3%	18 / 0%	110 / 1%	47 / 6%	93 / 9%	114 / 2%	91 / 2%	115 / 3%	116 / 4%	61 / 2%	133 / 5%	0 / 0%
7 / 0%	71 / 4%	2 / 0%	20 / 0%	8 / 0%	27 / 0%	21 / 10%	15 / 0%	21 / 5%	33 / 6%	5 / 0%	15 / 0%	3 / 0%
16 / 0%	242 / 2%	19 / 0%	100 / 0%	29 / 0%	79 / 6%	110 / 2%	61 / 0%	81 / 0%	73 / 4%	60 / 3%	81 / 2%	2 / 0%
2 / 0%	51 / 0%	0 / 0%	6 / 0%	2 / 0%	18 / 0%	15 / 0%	7 / 0%	14 / 0%	72 / 3%	7 / 0%	16 / 0%	1 / 0%
12 / 0%	307 / 1%	9 / 0%	277 / 0%	38 / 3%	81 / 9%	144 / 1%	67 / 0%	104 / 1%	130 / 5%	45 / 2%	94 / 2%	1 / 0%
0 / 0%	58 / 0%	3 / 0%	49 / 0%	5 / 0%	31 / 3%	13 / 0%	10 / 0%	15 / 7%	98 / 2%	9 / 11%	21 / 0%	0 / 0%
12 / 0%	416 / 1%	12 / 0%	286 / 0%	43 / 0%	127 / 2%	183 / 1%	55 / 0%	115 / 2%	167 / 0%	64 / 0%	127 / 1%	2 / 0%
4 / 0%	64 / 0%	3 / 0%	294 / 0%	2 / 0%	72 / 3%	16 / 0%	12 / 0%	20 / 0%	116 / 1%	10 / 0%	19 / 0%	0 / 0%
8 / 0%	309 / 2%	11 / 0%	422 / 0%	32 / 0%	245 / 0%	170 / 0%	50 / 2%	111 / 0%	122 / 0%	62 / 0%	99 / 0%	0 / 0%
2 / 0%	17 / 6%	2 / 0%	130 / 0%	2 / 0%	455 / 0%	15 / 0%	4 / 0%	17 / 0%	67 / 0%	3 / 0%	10 / 0%	0 / 0%
0 / 0%	5 / 0%	3 / 0%	162 / 0%	0 / 0%	109 / 0%	3 / 0%	0 / 0%	9 / 0%	13 / 0%	2 / 0%	3 / 0%	0 / 0%
192 / 3%	2750 / 4%	142 / 0%	2042 / 5%	553 / 3%	1699 / 8%	1078 / 4%	849 / 4%	931 / 3%	1269 / 6%	608 / 5%	990 / 5%	19 / 2%

Attachment 15 - (3-4) Initial Test Volume and Failure Rate by Model Year and Test Station

*Stations without emissions inspections in 2017 have been omitted

096448	096449	096450	096451	096453	096454	096455	096458	096459	096463	096466	096467	096469
0 / 0%	10 / 10%	3 / 0%	0 / 0%	4 / 25%	5 / 20%	1 / 0%	0 / 0%	1 / 0%	6 / 0%	0 / 0%	2 / 0%	4 / 0%
5 / 20%	35 / 3%	26 / 4%	12 / 0%	25 / 8%	25 / 0%	16 / 0%	28 / 4%	23 / 0%	29 / 7%	16 / 13%	12 / 0%	19 / 5%
9 / 0%	18 / 28%	5 / 0%	1 / 0%	5 / 0%	7 / 29%	3 / 0%	13 / 0%	6 / 17%	12 / 8%	3 / 0%	2 / 0%	6 / 0%
22 / 5%	42 / 7%	54 / 4%	18 / 0%	31 / 3%	71 / 1%	29 / 17%	62 / 3%	32 / 0%	68 / 9%	30 / 0%	21 / 5%	52 / 0%
12 / 0%	25 / 28%	10 / 20%	3 / 0%	7 / 0%	15 / 7%	2 / 0%	16 / 6%	11 / 0%	21 / 0%	6 / 0%	8 / 0%	5 / 0%
39 / 18%	48 / 21%	99 / 5%	17 / 6%	41 / 0%	78 / 8%	26 / 4%	75 / 8%	74 / 1%	118 / 11%	33 / 6%	31 / 0%	66 / 5%
18 / 6%	26 / 15%	23 / 13%	2 / 0%	20 / 10%	17 / 18%	7 / 0%	22 / 0%	15 / 7%	20 / 5%	5 / 20%	10 / 0%	16 / 0%
44 / 9%	85 / 11%	127 / 7%	32 / 16%	72 / 4%	132 / 7%	50 / 12%	169 / 4%	133 / 2%	178 / 7%	65 / 3%	43 / 2%	64 / 5%
18 / 0%	33 / 9%	24 / 0%	4 / 25%	19 / 5%	22 / 18%	10 / 0%	40 / 0%	41 / 0%	32 / 0%	10 / 0%	17 / 0%	11 / 9%
67 / 3%	118 / 10%	167 / 4%	33 / 12%	116 / 3%	181 / 4%	72 / 6%	261 / 1%	188 / 0%	283 / 4%	89 / 1%	89 / 1%	123 / 6%
20 / 20%	38 / 8%	22 / 0%	10 / 30%	20 / 0%	25 / 0%	13 / 0%	54 / 0%	36 / 0%	42 / 10%	16 / 6%	15 / 0%	16 / 6%
65 / 3%	118 / 7%	234 / 3%	45 / 0%	158 / 4%	223 / 5%	78 / 4%	434 / 1%	330 / 1%	344 / 3%	92 / 2%	123 / 1%	132 / 2%
12 / 0%	28 / 7%	26 / 4%	6 / 0%	26 / 0%	25 / 8%	10 / 0%	127 / 2%	89 / 0%	36 / 3%	17 / 6%	39 / 0%	27 / 7%
58 / 3%	71 / 1%	147 / 4%	13 / 8%	121 / 2%	166 / 2%	54 / 2%	372 / 0%	325 / 0%	294 / 2%	67 / 1%	115 / 0%	108 / 3%
9 / 0%	25 / 4%	22 / 0%	5 / 0%	23 / 9%	25 / 0%	6 / 0%	132 / 1%	67 / 1%	37 / 0%	12 / 0%	44 / 0%	10 / 0%
64 / 0%	92 / 2%	152 / 0%	21 / 5%	163 / 2%	215 / 2%	84 / 4%	516 / 0%	308 / 0%	418 / 2%	83 / 0%	203 / 1%	139 / 4%
12 / 0%	17 / 0%	16 / 0%	4 / 25%	27 / 4%	23 / 0%	12 / 8%	150 / 0%	118 / 0%	39 / 3%	18 / 0%	59 / 0%	20 / 0%
101 / 2%	91 / 3%	173 / 1%	38 / 3%	274 / 0%	205 / 0%	66 / 0%	670 / 0%	386 / 0%	514 / 1%	115 / 2%	320 / 0%	117 / 0%
24 / 0%	19 / 11%	24 / 0%	7 / 0%	41 / 0%	21 / 0%	9 / 11%	408 / 0%	146 / 0%	54 / 2%	22 / 0%	153 / 0%	19 / 0%
96 / 2%	70 / 3%	131 / 0%	30 / 0%	237 / 1%	186 / 0%	72 / 0%	859 / 0%	473 / 0%	518 / 0%	108 / 0%	265 / 0%	117 / 1%
6 / 0%	10 / 0%	11 / 0%	2 / 0%	22 / 0%	14 / 0%	4 / 0%	161 / 1%	144 / 0%	36 / 0%	9 / 0%	45 / 0%	12 / 0%
0 / 0%	3 / 0%	2 / 0%	1 / 0%	2 / 0%	4 / 0%	0 / 0%	19 / 0%	16 / 0%	7 / 0%	2 / 0%	13 / 0%	4 / 0%
701 / 4%	1022 / 9%	1498 / 3%	304 / 6%	1454 / 4%	1685 / 6%	624 / 3%	4588 / 1%	2962 / 1%	3106 / 3%	818 / 3%	1629 / 0%	1087 / 2%

Attachment 15 - (3-4) Initial Test Volume and Failure Rate by Model Year and Test Station

*Stations without emissions inspections in 2017 have been omitted

096471	096473	096474	096479	096482	096489	096493	096496	096501	096504	096505	096507	096509
1 / 0%	3 / 0%	2 / 0%	4 / 0%	1 / 0%	1 / 0%	3 / 0%	10 / 0%	0 / 0%	4 / 0%	1 / 0%	2 / 0%	1 / 0%
13 / 0%	7 / 0%	39 / 0%	18 / 6%	9 / 11%	15 / 0%	11 / 0%	8 / 0%	3 / 33%	21 / 10%	10 / 0%	23 / 4%	12 / 17%
4 / 0%	1 / 0%	9 / 0%	11 / 0%	5 / 0%	2 / 0%	5 / 0%	3 / 33%	1 / 0%	4 / 0%	1 / 0%	3 / 67%	6 / 17%
26 / 0%	19 / 16%	47 / 4%	29 / 10%	6 / 0%	18 / 0%	39 / 8%	26 / 8%	10 / 10%	38 / 8%	20 / 0%	32 / 6%	30 / 3%
9 / 0%	1 / 0%	16 / 6%	13 / 8%	3 / 33%	1 / 0%	4 / 0%	3 / 0%	4 / 0%	9 / 22%	5 / 0%	5 / 0%	4 / 0%
40 / 3%	26 / 12%	84 / 7%	44 / 16%	10 / 10%	29 / 3%	29 / 21%	32 / 9%	11 / 9%	51 / 12%	39 / 3%	54 / 9%	26 / 15%
22 / 0%	2 / 0%	19 / 11%	12 / 33%	10 / 0%	10 / 0%	17 / 12%	10 / 10%	4 / 50%	16 / 6%	9 / 0%	12 / 0%	4 / 0%
80 / 1%	28 / 11%	119 / 3%	39 / 18%	23 / 4%	66 / 2%	49 / 6%	39 / 10%	19 / 16%	82 / 9%	62 / 0%	78 / 3%	59 / 2%
18 / 0%	7 / 0%	30 / 10%	19 / 26%	16 / 0%	24 / 0%	12 / 8%	7 / 0%	3 / 0%	16 / 6%	23 / 0%	12 / 8%	15 / 13%
107 / 0%	23 / 4%	210 / 6%	40 / 5%	41 / 5%	80 / 0%	47 / 6%	51 / 12%	16 / 0%	135 / 8%	143 / 0%	100 / 5%	73 / 4%
37 / 0%	9 / 0%	28 / 4%	12 / 0%	12 / 0%	30 / 7%	12 / 8%	12 / 0%	13 / 0%	15 / 0%	49 / 0%	15 / 0%	14 / 7%
152 / 1%	30 / 3%	313 / 3%	45 / 2%	17 / 0%	155 / 1%	55 / 7%	48 / 2%	27 / 11%	148 / 4%	272 / 0%	97 / 2%	93 / 2%
66 / 0%	1 / 0%	40 / 5%	13 / 15%	16 / 0%	37 / 0%	22 / 5%	7 / 0%	7 / 0%	28 / 7%	93 / 0%	16 / 0%	16 / 6%
164 / 1%	23 / 0%	229 / 2%	14 / 0%	12 / 0%	141 / 1%	30 / 7%	45 / 2%	27 / 0%	120 / 0%	191 / 0%	74 / 1%	89 / 3%
91 / 0%	2 / 0%	36 / 6%	5 / 0%	4 / 0%	42 / 0%	3 / 33%	4 / 0%	3 / 0%	19 / 11%	126 / 0%	23 / 0%	13 / 0%
269 / 1%	21 / 0%	307 / 2%	13 / 0%	6 / 0%	254 / 0%	28 / 0%	33 / 0%	31 / 0%	163 / 1%	292 / 0%	75 / 3%	100 / 0%
155 / 0%	1 / 0%	47 / 0%	12 / 0%	6 / 0%	86 / 0%	9 / 0%	5 / 0%	5 / 0%	20 / 15%	121 / 0%	11 / 0%	12 / 0%
358 / 1%	16 / 6%	410 / 0%	11 / 9%	3 / 0%	376 / 0%	43 / 2%	35 / 0%	38 / 0%	174 / 1%	528 / 0%	116 / 2%	103 / 0%
267 / 0%	3 / 0%	40 / 0%	2 / 0%	2 / 0%	486 / 0%	4 / 0%	7 / 0%	6 / 0%	22 / 0%	473 / 0%	12 / 0%	17 / 0%
459 / 0%	13 / 0%	381 / 0%	10 / 0%	3 / 0%	590 / 0%	36 / 0%	25 / 0%	27 / 0%	133 / 0%	845 / 0%	82 / 0%	87 / 1%
160 / 0%	1 / 0%	28 / 0%	3 / 0%	1 / 0%	78 / 1%	6 / 0%	2 / 0%	2 / 0%	18 / 6%	245 / 0%	8 / 0%	9 / 0%
13 / 0%	0 / 0%	9 / 0%	0 / 0%	0 / 0%	203 / 0%	1 / 0%	0 / 0%	2 / 0%	2 / 0%	37 / 0%	2 / 0%	4 / 0%
2511 / 0%	237 / 2%	2443 / 3%	369 / 7%	206 / 3%	2724 / 1%	465 / 6%	412 / 4%	259 / 6%	1238 / 6%	3585 / 0%	852 / 5%	787 / 4%

Attachment 15 - (3-4) Initial Test Volume and Failure Rate by Model Year and Test Station

*Stations without emissions inspections in 2017 have been omitted

096511	096512	096514	096516	096520	096523	096526	096536	096537	096538	096541	096544	096545
0 / 0%	0 / 0%	1 / 0%	3 / 33%	2 / 0%	3 / 0%	0 / 0%	0 / 0%	1 / 0%	3 / 0%	9 / 11%	0 / 0%	0 / 0%
3 / 0%	6 / 17%	8 / 0%	20 / 0%	4 / 25%	13 / 8%	2 / 0%	16 / 6%	22 / 5%	5 / 0%	54 / 13%	13 / 8%	5 / 0%
1 / 0%	2 / 0%	2 / 0%	2 / 0%	1 / 0%	5 / 0%	2 / 0%	9 / 11%	4 / 25%	3 / 67%	21 / 19%	7 / 0%	4 / 0%
6 / 17%	9 / 22%	10 / 10%	40 / 0%	5 / 0%	36 / 11%	2 / 0%	17 / 0%	43 / 2%	13 / 0%	67 / 9%	18 / 6%	14 / 0%
6 / 0%	3 / 0%	3 / 0%	9 / 11%	3 / 0%	5 / 20%	0 / 0%	12 / 0%	17 / 6%	4 / 25%	26 / 12%	5 / 0%	3 / 0%
11 / 0%	9 / 44%	24 / 0%	55 / 13%	10 / 10%	45 / 13%	1 / 0%	33 / 6%	54 / 6%	18 / 6%	85 / 2%	39 / 0%	24 / 8%
6 / 0%	3 / 0%	5 / 0%	15 / 7%	4 / 25%	16 / 6%	1 / 0%	23 / 4%	19 / 5%	8 / 0%	47 / 6%	8 / 0%	6 / 0%
6 / 0%	19 / 5%	26 / 0%	76 / 5%	11 / 0%	52 / 6%	3 / 0%	54 / 4%	96 / 4%	38 / 8%	142 / 5%	40 / 5%	27 / 7%
3 / 0%	9 / 11%	8 / 0%	18 / 0%	5 / 0%	6 / 0%	2 / 0%	15 / 7%	29 / 7%	9 / 22%	40 / 8%	17 / 0%	10 / 40%
12 / 0%	21 / 10%	45 / 2%	118 / 3%	25 / 0%	60 / 2%	4 / 0%	74 / 7%	116 / 9%	34 / 9%	137 / 4%	51 / 0%	53 / 8%
6 / 0%	6 / 17%	6 / 0%	20 / 0%	6 / 0%	23 / 4%	4 / 0%	25 / 4%	39 / 10%	5 / 0%	52 / 2%	13 / 0%	8 / 13%
26 / 0%	21 / 0%	61 / 2%	147 / 3%	55 / 0%	84 / 6%	9 / 0%	96 / 2%	147 / 1%	71 / 1%	170 / 5%	111 / 0%	74 / 1%
6 / 0%	6 / 0%	23 / 0%	30 / 3%	10 / 0%	24 / 4%	7 / 0%	30 / 3%	39 / 0%	17 / 0%	46 / 9%	70 / 0%	11 / 0%
33 / 3%	16 / 0%	70 / 0%	134 / 4%	70 / 0%	78 / 3%	14 / 0%	69 / 0%	119 / 0%	60 / 7%	100 / 3%	104 / 0%	72 / 0%
9 / 0%	4 / 0%	19 / 0%	25 / 4%	24 / 0%	15 / 7%	11 / 0%	21 / 5%	36 / 0%	10 / 0%	24 / 4%	99 / 0%	11 / 0%
11 / 0%	8 / 0%	189 / 1%	159 / 2%	159 / 0%	97 / 2%	19 / 0%	80 / 1%	161 / 2%	69 / 1%	116 / 6%	156 / 0%	104 / 0%
7 / 0%	0 / 0%	35 / 0%	20 / 5%	56 / 0%	13 / 0%	29 / 0%	25 / 0%	35 / 3%	13 / 0%	25 / 0%	141 / 0%	16 / 0%
25 / 0%	18 / 6%	201 / 0%	227 / 1%	454 / 0%	122 / 1%	62 / 0%	172 / 0%	201 / 1%	84 / 0%	123 / 1%	213 / 0%	100 / 1%
7 / 0%	3 / 0%	148 / 0%	48 / 0%	200 / 0%	16 / 0%	99 / 1%	34 / 0%	47 / 0%	11 / 0%	24 / 4%	192 / 0%	13 / 0%
29 / 0%	8 / 0%	296 / 0%	191 / 1%	346 / 0%	92 / 0%	63 / 2%	168 / 0%	185 / 1%	71 / 1%	82 / 2%	182 / 0%	102 / 0%
16 / 0%	0 / 0%	75 / 0%	16 / 0%	140 / 0%	16 / 6%	61 / 2%	11 / 0%	23 / 0%	7 / 0%	5 / 0%	79 / 1%	5 / 0%
0 / 0%	1 / 0%	141 / 0%	2 / 0%	45 / 0%	1 / 0%	9 / 0%	10 / 0%	7 / 0%	2 / 0%	0 / 0%	15 / 0%	4 / 0%
229 / 1%	172 / 6%	1396 / 1%	1375 / 4%	1635 / 3%	822 / 4%	404 / 0%	994 / 3%	1440 / 4%	555 / 7%	1395 / 6%	1573 / 1%	666 / 4%

Attachment 15 - (3-4) Initial Test Volume and Failure Rate by Model Year and Test Station

*Stations without emissions inspections in 2017 have been omitted

096546	096547	096548	096551	096553	096559	096560	096579	096584	096585	096586	096589	096591
3 / 33%	1 / 0%	3 / 0%	0 / 0%	2 / 0%	21 / 0%	1 / 0%	2 / 0%	3 / 0%	0 / 0%	8 / 0%	1 / 0%	1 / 0%
19 / 0%	13 / 0%	19 / 0%	28 / 4%	10 / 20%	120 / 0%	26 / 0%	5 / 0%	16 / 6%	1 / 0%	29 / 7%	0 / 0%	23 / 13%
7 / 0%	4 / 0%	4 / 0%	7 / 0%	8 / 0%	33 / 0%	8 / 0%	1 / 0%	4 / 0%	0 / 0%	7 / 14%	0 / 0%	7 / 14%
36 / 0%	20 / 0%	41 / 10%	46 / 4%	20 / 0%	207 / 1%	44 / 5%	7 / 43%	35 / 11%	0 / 0%	48 / 2%	0 / 0%	58 / 5%
8 / 0%	11 / 0%	15 / 7%	13 / 15%	4 / 0%	95 / 0%	15 / 7%	2 / 50%	5 / 0%	0 / 0%	22 / 0%	0 / 0%	10 / 10%
37 / 8%	31 / 3%	77 / 10%	73 / 8%	30 / 3%	217 / 1%	75 / 7%	13 / 15%	33 / 3%	0 / 0%	84 / 0%	0 / 0%	74 / 3%
8 / 0%	19 / 0%	11 / 0%	18 / 6%	13 / 0%	84 / 2%	20 / 15%	3 / 33%	13 / 0%	0 / 0%	35 / 3%	0 / 0%	18 / 0%
53 / 4%	50 / 0%	113 / 8%	109 / 16%	53 / 4%	227 / 1%	102 / 12%	21 / 5%	59 / 2%	4 / 0%	128 / 1%	0 / 0%	119 / 8%
10 / 0%	23 / 0%	30 / 7%	16 / 0%	13 / 8%	76 / 0%	36 / 11%	8 / 13%	21 / 5%	2 / 0%	42 / 0%	0 / 0%	29 / 3%
67 / 3%	91 / 0%	179 / 3%	137 / 6%	71 / 8%	278 / 1%	163 / 4%	22 / 0%	52 / 2%	3 / 0%	141 / 1%	0 / 0%	186 / 3%
16 / 6%	41 / 0%	40 / 10%	35 / 3%	14 / 0%	79 / 3%	39 / 3%	1 / 0%	13 / 0%	0 / 0%	72 / 0%	0 / 0%	27 / 11%
82 / 2%	124 / 2%	289 / 4%	197 / 5%	72 / 1%	209 / 0%	217 / 4%	18 / 0%	50 / 4%	1 / 0%	183 / 0%	0 / 0%	237 / 4%
8 / 13%	64 / 0%	57 / 2%	27 / 15%	13 / 0%	67 / 3%	35 / 9%	3 / 0%	8 / 0%	3 / 0%	69 / 0%	0 / 0%	28 / 4%
78 / 0%	152 / 1%	241 / 2%	190 / 3%	50 / 0%	98 / 1%	205 / 1%	11 / 18%	27 / 0%	0 / 0%	123 / 1%	0 / 0%	211 / 2%
10 / 0%	60 / 0%	63 / 5%	29 / 3%	6 / 0%	31 / 0%	50 / 2%	3 / 0%	6 / 0%	1 / 0%	47 / 2%	0 / 0%	43 / 0%
49 / 0%	248 / 0%	306 / 2%	236 / 3%	54 / 4%	100 / 1%	248 / 2%	11 / 0%	32 / 6%	3 / 0%	108 / 0%	2 / 0%	284 / 0%
8 / 0%	127 / 1%	71 / 4%	49 / 2%	19 / 5%	9 / 0%	61 / 0%	1 / 0%	4 / 0%	2 / 0%	36 / 0%	0 / 0%	44 / 0%
68 / 0%	425 / 0%	499 / 1%	293 / 0%	78 / 0%	74 / 1%	360 / 0%	9 / 0%	25 / 0%	2 / 0%	128 / 0%	0 / 0%	402 / 0%
6 / 0%	207 / 0%	99 / 1%	45 / 0%	16 / 0%	13 / 0%	71 / 0%	1 / 0%	2 / 0%	1 / 0%	17 / 0%	0 / 0%	52 / 0%
53 / 0%	653 / 0%	475 / 1%	301 / 0%	84 / 0%	47 / 0%	401 / 1%	3 / 0%	11 / 0%	11 / 0%	89 / 0%	0 / 0%	357 / 1%
4 / 0%	181 / 1%	62 / 0%	28 / 4%	7 / 0%	1 / 0%	36 / 3%	0 / 0%	0 / 0%	14 / 0%	11 / 0%	0 / 0%	37 / 0%
2 / 0%	149 / 0%	13 / 0%	2 / 0%	3 / 0%	0 / 0%	17 / 0%	0 / 0%	0 / 0%	3 / 0%	0 / 0%	0 / 0%	8 / 0%
632 / 3%	2694 / 0%	2707 / 4%	1879 / 4%	640 / 2%	2086 / 1%	2230 / 4%	145 / 8%	419 / 2%	51 / 0%	1427 / 1%	3 / 0%	2255 / 4%

Attachment 15 - (3-4) Initial Test Volume and Failure Rate by Model Year and Test Station

*Stations without emissions inspections in 2017 have been omitted

096593	096595	096596	096599	096600	096603	096604	096605	096607	096608	096612	096614	096618
0 / 0%	2 / 0%	2 / 0%	0 / 0%	0 / 0%	0 / 0%	2 / 0%	1 / 0%	1 / 0%	1 / 0%	2 / 50%	1 / 0%	3 / 33%
5 / 0%	9 / 0%	10 / 0%	7 / 0%	15 / 7%	20 / 5%	18 / 0%	12 / 8%	1 / 0%	6 / 17%	5 / 20%	31 / 6%	21 / 0%
4 / 0%	2 / 0%	1 / 0%	3 / 0%	5 / 20%	5 / 0%	17 / 6%	8 / 0%	2 / 0%	4 / 50%	0 / 0%	5 / 0%	6 / 17%
8 / 0%	10 / 10%	18 / 0%	15 / 7%	34 / 3%	27 / 4%	36 / 6%	24 / 4%	8 / 0%	27 / 11%	8 / 0%	48 / 6%	34 / 3%
5 / 0%	6 / 0%	2 / 0%	5 / 0%	4 / 0%	4 / 0%	14 / 0%	7 / 0%	1 / 0%	4 / 0%	1 / 100%	3 / 0%	7 / 14%
15 / 7%	13 / 8%	14 / 0%	17 / 0%	43 / 14%	30 / 3%	65 / 8%	27 / 15%	7 / 0%	33 / 12%	8 / 13%	48 / 6%	44 / 2%
8 / 0%	8 / 13%	3 / 0%	4 / 0%	20 / 5%	2 / 0%	18 / 0%	9 / 0%	2 / 0%	9 / 33%	3 / 0%	9 / 22%	11 / 0%
41 / 5%	16 / 6%	26 / 4%	32 / 0%	58 / 14%	47 / 4%	109 / 6%	37 / 16%	2 / 0%	32 / 13%	17 / 12%	95 / 5%	87 / 0%
20 / 0%	5 / 0%	13 / 8%	5 / 0%	18 / 11%	9 / 0%	17 / 12%	10 / 10%	0 / 0%	14 / 7%	2 / 0%	8 / 0%	17 / 0%
58 / 2%	24 / 4%	48 / 13%	26 / 0%	85 / 5%	56 / 2%	112 / 5%	56 / 13%	7 / 0%	55 / 5%	18 / 6%	98 / 5%	92 / 0%
19 / 0%	11 / 9%	7 / 0%	6 / 0%	18 / 6%	8 / 0%	27 / 4%	18 / 0%	4 / 0%	17 / 0%	6 / 0%	7 / 0%	16 / 6%
128 / 1%	32 / 0%	67 / 3%	29 / 0%	114 / 5%	77 / 0%	155 / 4%	53 / 9%	16 / 0%	60 / 7%	21 / 5%	87 / 2%	86 / 1%
59 / 0%	2 / 0%	12 / 0%	5 / 0%	15 / 0%	9 / 0%	12 / 0%	4 / 0%	0 / 0%	8 / 0%	2 / 50%	11 / 0%	4 / 0%
128 / 0%	35 / 9%	43 / 2%	14 / 0%	96 / 0%	48 / 2%	135 / 4%	29 / 0%	5 / 0%	50 / 2%	25 / 8%	68 / 0%	74 / 0%
58 / 0%	8 / 0%	11 / 0%	0 / 0%	23 / 4%	10 / 0%	29 / 7%	7 / 0%	1 / 0%	14 / 0%	1 / 0%	10 / 0%	6 / 0%
157 / 0%	35 / 3%	72 / 4%	15 / 0%	142 / 2%	61 / 0%	187 / 2%	30 / 0%	8 / 0%	58 / 7%	20 / 0%	60 / 0%	73 / 0%
88 / 0%	2 / 0%	15 / 7%	2 / 0%	36 / 0%	4 / 0%	26 / 0%	10 / 0%	0 / 0%	9 / 0%	4 / 0%	18 / 0%	2 / 0%
189 / 0%	50 / 0%	88 / 0%	4 / 0%	138 / 0%	72 / 0%	227 / 1%	55 / 0%	11 / 0%	84 / 0%	50 / 0%	69 / 0%	80 / 0%
417 / 0%	6 / 0%	9 / 0%	2 / 0%	22 / 0%	10 / 0%	31 / 0%	8 / 0%	0 / 0%	8 / 0%	3 / 0%	9 / 0%	12 / 0%
298 / 0%	47 / 0%	108 / 0%	0 / 0%	118 / 0%	53 / 0%	201 / 1%	42 / 0%	5 / 0%	68 / 1%	26 / 0%	51 / 0%	54 / 0%
154 / 0%	1 / 0%	7 / 0%	0 / 0%	15 / 0%	5 / 0%	29 / 0%	19 / 0%	0 / 0%	5 / 0%	0 / 0%	2 / 0%	3 / 0%
24 / 0%	0 / 0%	1 / 0%	0 / 0%	4 / 0%	0 / 0%	8 / 0%	5 / 0%	0 / 0%	5 / 0%	0 / 0%	0 / 0%	2 / 0%
1883 / 1%	324 / 3%	577 / 2%	191 / 0%	1023 / 4%	557 / 1%	1475 / 3%	471 / 3%	81 / 0%	571 / 8%	222 / 12%	738 / 2%	734 / 3%

Attachment 15 - (3-4) Initial Test Volume and Failure Rate by Model Year and Test Station

*Stations without emissions inspections in 2017 have been omitted

096619	096620	096621	096628	096630	096632	096634	096635	096641	096643	096644	096645	096652
1 / 0%	3 / 0%	0 / 0%	5 / 0%	0 / 0%	3 / 0%	0 / 0%	8 / 0%	0 / 0%	4 / 0%	3 / 0%	1 / 100%	3 / 0%
14 / 7%	4 / 0%	5 / 0%	12 / 25%	1 / 0%	19 / 11%	4 / 0%	32 / 3%	3 / 0%	27 / 4%	12 / 0%	15 / 13%	6 / 0%
4 / 0%	3 / 0%	1 / 0%	5 / 0%	0 / 0%	4 / 25%	0 / 0%	4 / 0%	0 / 0%	6 / 17%	9 / 22%	6 / 0%	1 / 0%
25 / 4%	23 / 0%	1 / 0%	21 / 0%	1 / 0%	35 / 3%	7 / 0%	60 / 12%	12 / 0%	38 / 5%	26 / 12%	52 / 4%	24 / 0%
10 / 0%	6 / 0%	1 / 0%	8 / 13%	0 / 0%	15 / 7%	5 / 0%	16 / 0%	4 / 0%	8 / 0%	7 / 0%	9 / 0%	2 / 50%
27 / 4%	23 / 4%	1 / 0%	35 / 9%	0 / 0%	48 / 2%	7 / 0%	79 / 9%	13 / 8%	77 / 8%	39 / 18%	90 / 8%	24 / 0%
12 / 0%	13 / 0%	5 / 0%	9 / 22%	0 / 0%	14 / 7%	5 / 0%	24 / 8%	2 / 0%	17 / 6%	9 / 11%	22 / 5%	6 / 0%
64 / 5%	35 / 0%	8 / 0%	61 / 5%	1 / 0%	66 / 3%	22 / 5%	122 / 7%	16 / 6%	103 / 8%	43 / 5%	126 / 8%	45 / 2%
22 / 5%	14 / 0%	3 / 0%	24 / 4%	1 / 0%	19 / 0%	11 / 0%	29 / 3%	9 / 11%	14 / 0%	11 / 0%	27 / 11%	12 / 0%
93 / 1%	23 / 0%	16 / 0%	70 / 6%	3 / 0%	97 / 3%	25 / 0%	154 / 5%	19 / 0%	112 / 9%	36 / 8%	179 / 3%	53 / 0%
15 / 0%	10 / 0%	3 / 0%	15 / 7%	2 / 0%	38 / 3%	15 / 0%	44 / 7%	6 / 0%	18 / 0%	9 / 0%	38 / 8%	9 / 0%
99 / 2%	38 / 0%	29 / 0%	99 / 4%	0 / 0%	106 / 3%	39 / 0%	180 / 6%	24 / 4%	105 / 5%	50 / 8%	277 / 4%	113 / 0%
28 / 0%	8 / 0%	9 / 0%	27 / 0%	0 / 0%	27 / 7%	32 / 0%	30 / 0%	4 / 0%	12 / 0%	6 / 0%	42 / 10%	27 / 0%
93 / 0%	36 / 0%	37 / 0%	67 / 0%	1 / 0%	77 / 0%	84 / 1%	142 / 3%	30 / 7%	83 / 2%	30 / 0%	264 / 3%	91 / 0%
24 / 4%	4 / 0%	7 / 0%	20 / 0%	0 / 0%	21 / 0%	51 / 0%	22 / 0%	5 / 0%	10 / 0%	8 / 0%	41 / 2%	22 / 5%
85 / 1%	36 / 0%	107 / 0%	82 / 0%	0 / 0%	98 / 2%	150 / 0%	148 / 2%	30 / 3%	80 / 0%	45 / 2%	368 / 2%	162 / 1%
24 / 0%	9 / 0%	37 / 0%	14 / 0%	1 / 0%	29 / 0%	76 / 0%	39 / 0%	4 / 0%	20 / 5%	8 / 0%	56 / 2%	49 / 0%
189 / 1%	24 / 0%	214 / 0%	107 / 1%	0 / 0%	155 / 0%	296 / 0%	206 / 0%	32 / 3%	87 / 2%	37 / 0%	515 / 2%	270 / 0%
31 / 0%	6 / 0%	117 / 0%	27 / 0%	1 / 0%	43 / 2%	268 / 0%	31 / 3%	6 / 0%	12 / 0%	5 / 0%	83 / 1%	218 / 0%
150 / 0%	39 / 0%	339 / 0%	86 / 0%	0 / 0%	196 / 0%	447 / 0%	158 / 0%	21 / 0%	71 / 3%	32 / 0%	475 / 0%	398 / 0%
15 / 0%	6 / 0%	153 / 1%	17 / 0%	0 / 0%	11 / 9%	149 / 0%	18 / 0%	3 / 0%	3 / 0%	2 / 0%	45 / 0%	127 / 0%
4 / 0%	0 / 0%	51 / 0%	1 / 0%	0 / 0%	1 / 0%	142 / 0%	3 / 0%	0 / 0%	0 / 0%	2 / 0%	9 / 0%	157 / 0%
1029 / 2%	363 / 0%	1144 / 0%	812 / 4%	12 / 0%	1122 / 4%	1835 / 0%	1549 / 3%	243 / 2%	907 / 3%	429 / 4%	2740 / 8%	1819 / 3%

Attachment 15 - (3-4) Initial Test Volume and Failure Rate by Model Year and Test Station

*Stations without emissions inspections in 2017 have been omitted

096656	096663	096664	096665	096667	096670	096673	096674	096675	096676	096685	096689	096693
1 / 100%	2 / 50%	2 / 0%	0 / 0%	3 / 0%	2 / 0%	8 / 0%	4 / 0%	6 / 17%	2 / 0%	6 / 33%	1 / 0%	1 / 0%
4 / 0%	1 / 0%	7 / 0%	9 / 0%	10 / 0%	10 / 10%	13 / 0%	18 / 6%	24 / 4%	11 / 0%	20 / 15%	0 / 0%	11 / 9%
3 / 0%	1 / 0%	7 / 0%	2 / 0%	3 / 0%	1 / 0%	3 / 0%	5 / 0%	9 / 0%	4 / 0%	5 / 0%	1 / 0%	2 / 50%
11 / 0%	2 / 0%	16 / 6%	13 / 0%	11 / 0%	35 / 0%	37 / 5%	27 / 4%	41 / 2%	21 / 24%	40 / 5%	12 / 0%	32 / 6%
6 / 0%	0 / 0%	5 / 0%	7 / 0%	12 / 0%	7 / 0%	19 / 0%	11 / 0%	13 / 8%	7 / 0%	13 / 0%	0 / 0%	4 / 0%
19 / 16%	3 / 0%	29 / 7%	9 / 11%	11 / 0%	38 / 8%	57 / 7%	45 / 0%	47 / 9%	29 / 3%	56 / 23%	11 / 0%	43 / 2%
5 / 0%	6 / 0%	9 / 11%	2 / 0%	21 / 0%	12 / 8%	35 / 3%	14 / 0%	24 / 0%	7 / 14%	12 / 0%	4 / 0%	11 / 18%
18 / 11%	12 / 0%	34 / 6%	15 / 13%	38 / 5%	30 / 7%	92 / 3%	70 / 6%	84 / 2%	44 / 11%	92 / 12%	23 / 0%	74 / 9%
4 / 0%	3 / 0%	16 / 0%	1 / 0%	34 / 0%	6 / 0%	29 / 3%	20 / 0%	15 / 7%	3 / 33%	15 / 0%	9 / 0%	15 / 27%
36 / 3%	27 / 0%	39 / 8%	29 / 3%	70 / 1%	34 / 6%	149 / 7%	79 / 0%	113 / 5%	41 / 10%	83 / 12%	41 / 0%	63 / 3%
5 / 0%	11 / 0%	17 / 6%	6 / 0%	56 / 0%	5 / 20%	35 / 6%	10 / 10%	29 / 0%	3 / 0%	9 / 11%	14 / 0%	12 / 0%
27 / 0%	46 / 0%	65 / 2%	25 / 0%	116 / 1%	34 / 0%	154 / 2%	63 / 2%	197 / 0%	48 / 15%	115 / 9%	78 / 0%	57 / 5%
6 / 0%	13 / 0%	16 / 6%	6 / 0%	75 / 0%	4 / 0%	32 / 0%	12 / 0%	42 / 0%	4 / 0%	18 / 11%	24 / 0%	10 / 20%
37 / 5%	69 / 0%	36 / 0%	15 / 0%	140 / 1%	34 / 3%	134 / 1%	46 / 2%	151 / 1%	13 / 0%	63 / 2%	91 / 0%	47 / 4%
6 / 0%	42 / 0%	21 / 0%	6 / 0%	88 / 1%	4 / 0%	39 / 0%	9 / 0%	29 / 0%	2 / 0%	17 / 6%	21 / 0%	7 / 0%
48 / 0%	114 / 1%	48 / 4%	20 / 0%	298 / 1%	30 / 0%	166 / 1%	38 / 3%	225 / 0%	30 / 3%	75 / 1%	136 / 0%	50 / 8%
7 / 0%	61 / 0%	12 / 0%	3 / 0%	135 / 1%	8 / 0%	30 / 0%	6 / 0%	40 / 0%	2 / 0%	14 / 0%	48 / 0%	12 / 0%
42 / 0%	181 / 1%	38 / 0%	14 / 0%	565 / 0%	28 / 0%	205 / 0%	47 / 2%	312 / 0%	22 / 0%	87 / 1%	181 / 0%	65 / 0%
6 / 0%	139 / 0%	10 / 0%	3 / 0%	192 / 0%	0 / 0%	25 / 0%	8 / 0%	69 / 0%	3 / 33%	11 / 0%	96 / 0%	7 / 0%
58 / 0%	240 / 0%	28 / 0%	20 / 0%	408 / 0%	24 / 0%	156 / 0%	32 / 0%	312 / 1%	14 / 0%	79 / 1%	217 / 0%	45 / 2%
4 / 0%	104 / 0%	4 / 0%	1 / 0%	188 / 0%	2 / 0%	33 / 0%	6 / 0%	30 / 0%	1 / 0%	12 / 0%	56 / 0%	8 / 0%
0 / 0%	142 / 0%	1 / 0%	1 / 0%	127 / 0%	0 / 0%	11 / 0%	0 / 0%	2 / 0%	1 / 0%	0 / 0%	36 / 0%	0 / 0%
353 / 6%	1219 / 2%	460 / 3%	207 / 1%	2601 / 1%	348 / 3%	1462 / 2%	570 / 2%	1814 / 3%	312 / 7%	842 / 6%	1100 / 0%	576 / 7%

Attachment 15 - (3-4) Initial Test Volume and Failure Rate by Model Year and Test Station

*Stations without emissions inspections in 2017 have been omitted

096697	096699	096701	096703	096710	096711	096715	096716	096717	096720	096723	096724	096725
2 / 0%	0 / 0%	4 / 0%	7 / 14%	5 / 0%	5 / 40%	4 / 0%	2 / 0%	4 / 25%	1 / 100%	3 / 0%	2 / 0%	4 / 0%
6 / 0%	4 / 0%	15 / 7%	34 / 12%	27 / 7%	18 / 22%	15 / 20%	13 / 15%	11 / 0%	10 / 20%	26 / 0%	23 / 9%	23 / 0%
1 / 0%	1 / 0%	7 / 14%	7 / 14%	1 / 0%	13 / 0%	6 / 17%	3 / 0%	4 / 0%	1 / 0%	7 / 0%	1 / 100%	17 / 0%
4 / 0%	6 / 17%	42 / 7%	41 / 10%	52 / 0%	21 / 10%	19 / 11%	28 / 0%	21 / 0%	17 / 12%	44 / 7%	35 / 0%	50 / 0%
2 / 0%	3 / 0%	11 / 0%	12 / 0%	6 / 0%	16 / 6%	9 / 33%	1 / 0%	6 / 0%	8 / 0%	6 / 17%	5 / 20%	31 / 0%
7 / 0%	7 / 0%	34 / 0%	44 / 5%	55 / 7%	35 / 0%	42 / 10%	47 / 4%	25 / 8%	23 / 4%	41 / 5%	38 / 5%	52 / 0%
2 / 0%	13 / 15%	11 / 0%	26 / 12%	10 / 0%	20 / 10%	19 / 11%	6 / 0%	8 / 0%	10 / 20%	19 / 5%	5 / 0%	22 / 0%
8 / 0%	14 / 0%	66 / 5%	70 / 11%	76 / 1%	67 / 4%	49 / 8%	70 / 0%	48 / 6%	51 / 6%	62 / 2%	62 / 8%	71 / 0%
0 / 0%	11 / 0%	15 / 0%	20 / 10%	12 / 0%	19 / 0%	21 / 19%	12 / 0%	12 / 0%	8 / 0%	11 / 0%	9 / 22%	22 / 0%
16 / 0%	16 / 0%	61 / 7%	90 / 4%	86 / 2%	66 / 5%	71 / 6%	92 / 0%	69 / 1%	73 / 5%	87 / 0%	77 / 8%	76 / 0%
3 / 0%	20 / 10%	12 / 0%	23 / 0%	16 / 0%	32 / 3%	25 / 0%	5 / 0%	16 / 0%	13 / 0%	17 / 6%	10 / 10%	21 / 0%
17 / 0%	45 / 0%	68 / 3%	104 / 2%	79 / 1%	72 / 6%	105 / 6%	100 / 1%	73 / 3%	58 / 7%	89 / 3%	87 / 1%	68 / 0%
5 / 0%	40 / 0%	9 / 0%	14 / 0%	16 / 0%	29 / 0%	20 / 5%	5 / 0%	24 / 4%	15 / 0%	16 / 0%	7 / 0%	25 / 0%
14 / 0%	67 / 1%	31 / 0%	58 / 3%	70 / 1%	52 / 6%	54 / 2%	71 / 0%	61 / 0%	64 / 0%	73 / 1%	51 / 2%	29 / 0%
12 / 0%	37 / 5%	8 / 0%	15 / 0%	9 / 0%	25 / 0%	12 / 0%	9 / 0%	18 / 0%	17 / 0%	14 / 0%	10 / 0%	6 / 0%
7 / 0%	89 / 1%	45 / 2%	68 / 6%	71 / 1%	50 / 0%	88 / 5%	69 / 0%	90 / 0%	74 / 3%	67 / 1%	63 / 0%	30 / 0%
3 / 0%	72 / 0%	8 / 0%	13 / 8%	10 / 0%	35 / 3%	13 / 0%	8 / 0%	24 / 0%	11 / 0%	5 / 0%	8 / 0%	6 / 0%
4 / 0%	246 / 0%	32 / 0%	91 / 1%	85 / 1%	77 / 1%	96 / 0%	73 / 0%	126 / 0%	94 / 1%	87 / 0%	105 / 0%	29 / 0%
1 / 0%	192 / 0%	10 / 0%	18 / 0%	8 / 0%	34 / 0%	21 / 0%	9 / 0%	29 / 0%	11 / 0%	11 / 0%	11 / 0%	2 / 0%
2 / 0%	274 / 0%	27 / 0%	69 / 1%	61 / 0%	66 / 0%	98 / 2%	67 / 0%	120 / 0%	80 / 0%	65 / 0%	76 / 1%	23 / 0%
0 / 0%	288 / 0%	2 / 0%	7 / 0%	8 / 0%	15 / 0%	10 / 0%	3 / 0%	15 / 0%	13 / 0%	2 / 0%	5 / 0%	4 / 0%
0 / 0%	99 / 1%	1 / 0%	1 / 0%	2 / 0%	4 / 0%	0 / 0%	1 / 0%	3 / 0%	6 / 0%	0 / 0%	3 / 0%	0 / 0%
116 / 0%	1544 / 2%	519 / 2%	832 / 5%	765 / 1%	771 / 5%	797 / 7%	694 / 1%	807 / 2%	658 / 8%	752 / 2%	693 / 8%	611 / 0%

Attachment 15 - (3-4) Initial Test Volume and Failure Rate by Model Year and Test Station

*Stations without emissions inspections in 2017 have been omitted

096726	096731	096732	096736	096745	096747	096749	096753	096754	096762	096763	096770	096772
6 / 17%	3 / 0%	0 / 0%	0 / 0%	2 / 0%	4 / 0%	4 / 25%	1 / 0%	2 / 0%	3 / 0%	0 / 0%	4 / 0%	2 / 0%
18 / 22%	19 / 21%	6 / 0%	12 / 0%	39 / 3%	9 / 22%	11 / 18%	18 / 6%	11 / 0%	7 / 0%	10 / 0%	14 / 0%	12 / 8%
10 / 10%	6 / 17%	2 / 0%	5 / 0%	5 / 0%	5 / 20%	4 / 0%	4 / 25%	4 / 0%	1 / 0%	3 / 0%	3 / 0%	5 / 20%
35 / 11%	42 / 0%	7 / 0%	23 / 4%	49 / 0%	20 / 20%	26 / 12%	27 / 11%	20 / 0%	19 / 0%	10 / 0%	30 / 0%	20 / 0%
14 / 14%	17 / 18%	6 / 17%	10 / 0%	10 / 0%	4 / 50%	10 / 0%	12 / 17%	5 / 0%	5 / 0%	0 / 0%	12 / 0%	5 / 20%
46 / 7%	48 / 13%	26 / 12%	33 / 0%	78 / 3%	19 / 16%	35 / 6%	39 / 10%	31 / 0%	24 / 0%	14 / 0%	32 / 0%	35 / 6%
20 / 10%	17 / 0%	9 / 11%	14 / 0%	14 / 0%	8 / 0%	11 / 0%	5 / 20%	1 / 0%	10 / 0%	8 / 0%	7 / 14%	8 / 13%
65 / 5%	67 / 7%	29 / 7%	25 / 0%	96 / 3%	26 / 0%	45 / 4%	46 / 11%	32 / 6%	41 / 5%	16 / 0%	31 / 3%	57 / 7%
17 / 6%	9 / 0%	4 / 0%	10 / 0%	17 / 0%	6 / 33%	14 / 0%	7 / 14%	9 / 0%	11 / 9%	4 / 0%	11 / 0%	12 / 0%
71 / 7%	57 / 7%	54 / 11%	41 / 5%	150 / 1%	44 / 9%	58 / 7%	57 / 7%	32 / 0%	38 / 0%	31 / 0%	45 / 2%	92 / 9%
16 / 19%	8 / 13%	11 / 9%	8 / 0%	16 / 0%	6 / 0%	13 / 8%	10 / 0%	11 / 0%	12 / 8%	4 / 0%	9 / 0%	19 / 0%
73 / 10%	58 / 5%	63 / 5%	71 / 0%	146 / 1%	44 / 5%	64 / 2%	59 / 8%	44 / 0%	29 / 3%	20 / 5%	38 / 3%	124 / 4%
9 / 0%	10 / 0%	11 / 0%	8 / 13%	26 / 0%	5 / 0%	16 / 6%	10 / 0%	6 / 0%	5 / 0%	2 / 0%	8 / 0%	24 / 4%
55 / 4%	35 / 0%	46 / 4%	38 / 3%	117 / 1%	30 / 10%	40 / 3%	34 / 6%	20 / 0%	32 / 3%	11 / 0%	20 / 0%	113 / 2%
10 / 0%	4 / 0%	7 / 0%	6 / 0%	12 / 0%	2 / 0%	11 / 0%	4 / 0%	4 / 0%	4 / 0%	2 / 0%	0 / 0%	17 / 6%
49 / 4%	47 / 0%	74 / 4%	29 / 0%	108 / 0%	33 / 0%	66 / 6%	44 / 5%	24 / 0%	24 / 0%	14 / 0%	22 / 0%	142 / 1%
8 / 0%	9 / 0%	3 / 0%	4 / 0%	10 / 0%	8 / 0%	16 / 0%	2 / 0%	2 / 0%	5 / 20%	0 / 0%	2 / 0%	15 / 0%
50 / 2%	48 / 0%	87 / 0%	32 / 0%	127 / 0%	50 / 0%	79 / 1%	40 / 3%	8 / 0%	13 / 0%	12 / 0%	23 / 0%	158 / 1%
8 / 0%	4 / 0%	5 / 0%	4 / 0%	11 / 0%	12 / 0%	13 / 0%	5 / 0%	1 / 0%	3 / 0%	3 / 0%	2 / 0%	22 / 0%
45 / 2%	30 / 0%	79 / 1%	31 / 0%	130 / 0%	25 / 0%	77 / 3%	35 / 0%	2 / 0%	6 / 0%	17 / 6%	22 / 0%	142 / 1%
2 / 0%	3 / 0%	4 / 0%	4 / 0%	5 / 0%	3 / 0%	7 / 0%	4 / 0%	0 / 0%	0 / 0%	3 / 0%	2 / 0%	12 / 0%
0 / 0%	0 / 0%	1 / 0%	0 / 0%	1 / 0%	1 / 0%	0 / 0%	1 / 0%	1 / 0%	0 / 0%	0 / 0%	0 / 0%	2 / 0%
627 / 7%	541 / 5%	534 / 4%	408 / 1%	1169 / 1%	364 / 8%	620 / 5%	464 / 6%	270 / 0%	292 / 2%	184 / 0%	337 / 1%	1038 / 5%

Attachment 15 - (3-4) Initial Test Volume and Failure Rate by Model Year and Test Station

*Stations without emissions inspections in 2017 have been omitted

096774	096778	096779	096786	096789	096796	096797	096798	096800	096801	096805	096813	096814
1 / 0%	3 / 0%	4 / 25%	7 / 14%	4 / 0%	1 / 0%	0 / 0%	4 / 25%	2 / 0%	0 / 0%	0 / 0%	1 / 0%	0 / 0%
20 / 10%	6 / 33%	21 / 10%	35 / 9%	22 / 14%	7 / 14%	2 / 0%	14 / 0%	16 / 0%	9 / 0%	8 / 13%	4 / 0%	6 / 33%
10 / 0%	2 / 0%	3 / 33%	11 / 0%	11 / 0%	1 / 100%	1 / 100%	4 / 0%	0 / 0%	3 / 0%	0 / 0%	7 / 0%	5 / 0%
27 / 4%	20 / 5%	28 / 18%	59 / 10%	39 / 3%	11 / 9%	4 / 0%	22 / 5%	17 / 0%	10 / 0%	27 / 11%	11 / 0%	17 / 0%
10 / 0%	4 / 0%	5 / 0%	15 / 20%	10 / 0%	1 / 0%	4 / 0%	7 / 0%	4 / 0%	4 / 0%	2 / 0%	0 / 0%	7 / 0%
31 / 0%	29 / 14%	30 / 7%	72 / 14%	41 / 7%	9 / 0%	10 / 0%	30 / 0%	16 / 0%	18 / 0%	26 / 8%	20 / 0%	27 / 4%
6 / 0%	8 / 13%	3 / 0%	19 / 21%	23 / 0%	3 / 0%	4 / 0%	11 / 0%	2 / 0%	5 / 0%	7 / 14%	6 / 0%	8 / 0%
43 / 0%	26 / 15%	43 / 5%	95 / 7%	72 / 4%	12 / 0%	14 / 0%	50 / 2%	18 / 0%	15 / 0%	26 / 8%	18 / 0%	30 / 3%
9 / 0%	9 / 11%	7 / 0%	21 / 10%	33 / 3%	4 / 0%	10 / 0%	10 / 10%	8 / 0%	4 / 0%	4 / 0%	20 / 0%	20 / 0%
62 / 0%	45 / 0%	54 / 4%	120 / 8%	48 / 4%	21 / 0%	32 / 6%	48 / 8%	32 / 0%	22 / 0%	27 / 7%	74 / 3%	38 / 8%
16 / 6%	7 / 14%	11 / 0%	19 / 5%	29 / 3%	17 / 6%	12 / 0%	11 / 0%	2 / 0%	3 / 0%	2 / 0%	28 / 0%	34 / 0%
65 / 0%	42 / 2%	65 / 3%	115 / 9%	57 / 4%	19 / 0%	55 / 2%	49 / 0%	24 / 4%	20 / 0%	28 / 0%	93 / 2%	82 / 0%
8 / 0%	11 / 18%	5 / 0%	17 / 0%	17 / 0%	23 / 0%	39 / 0%	5 / 0%	15 / 0%	3 / 0%	0 / 0%	35 / 0%	70 / 0%
40 / 0%	24 / 0%	33 / 3%	85 / 4%	43 / 2%	11 / 0%	28 / 0%	40 / 10%	41 / 0%	13 / 0%	21 / 0%	67 / 0%	89 / 0%
6 / 0%	7 / 0%	2 / 0%	9 / 0%	19 / 0%	14 / 0%	36 / 0%	9 / 0%	18 / 0%	1 / 0%	3 / 0%	36 / 0%	71 / 0%
42 / 0%	22 / 0%	30 / 3%	96 / 0%	44 / 2%	24 / 0%	53 / 0%	37 / 3%	81 / 1%	13 / 0%	15 / 0%	105 / 1%	137 / 2%
14 / 0%	9 / 0%	5 / 0%	11 / 0%	16 / 0%	19 / 0%	36 / 3%	8 / 0%	36 / 0%	3 / 0%	1 / 0%	69 / 0%	88 / 0%
44 / 0%	35 / 3%	36 / 3%	65 / 2%	55 / 2%	16 / 0%	65 / 2%	45 / 0%	141 / 0%	26 / 4%	27 / 0%	182 / 0%	235 / 0%
5 / 0%	7 / 0%	4 / 0%	10 / 0%	12 / 0%	16 / 0%	26 / 0%	8 / 0%	91 / 0%	1 / 0%	1 / 0%	110 / 0%	417 / 0%
32 / 0%	17 / 0%	24 / 0%	53 / 0%	30 / 0%	11 / 0%	18 / 6%	31 / 0%	140 / 0%	24 / 4%	15 / 0%	219 / 0%	457 / 0%
8 / 0%	1 / 0%	1 / 0%	0 / 0%	5 / 0%	6 / 0%	8 / 0%	4 / 0%	52 / 0%	0 / 0%	0 / 0%	130 / 0%	248 / 0%
2 / 0%	0 / 0%	1 / 0%	0 / 0%	0 / 0%	2 / 0%	0 / 0%	0 / 0%	2 / 0%	1 / 0%	0 / 0%	80 / 1%	76 / 0%
501 / 1%	334 / 6%	415 / 5%	934 / 6%	630 / 2%	248 / 6%	457 / 5%	447 / 3%	758 / 0%	198 / 0%	240 / 3%	1315 / 0%	2162 / 2%

Attachment 15 - (3-4) Initial Test Volume and Failure Rate by Model Year and Test Station

*Stations without emissions inspections in 2017 have been omitted

096815	096816	096818	096825	096831	096835	096836	096843	096845	096848	096849	096852	096853
2 / 0%	0 / 0%	3 / 0%	2 / 0%	7 / 0%	2 / 0%	2 / 0%	1 / 0%	2 / 0%	5 / 40%	2 / 0%	1 / 0%	1 / 100%
18 / 0%	17 / 6%	8 / 13%	16 / 0%	13 / 8%	14 / 7%	9 / 11%	17 / 18%	1 / 0%	7 / 14%	5 / 20%	13 / 0%	2 / 0%
5 / 0%	3 / 33%	2 / 50%	5 / 0%	0 / 0%	9 / 0%	5 / 20%	2 / 0%	4 / 0%	5 / 0%	6 / 0%	3 / 0%	2 / 0%
37 / 8%	22 / 0%	27 / 4%	42 / 0%	15 / 0%	27 / 4%	35 / 11%	24 / 0%	6 / 0%	27 / 0%	10 / 0%	24 / 4%	14 / 0%
4 / 0%	10 / 0%	7 / 0%	4 / 0%	3 / 0%	6 / 0%	7 / 14%	8 / 0%	3 / 0%	9 / 11%	8 / 0%	7 / 0%	5 / 40%
57 / 4%	32 / 19%	42 / 7%	66 / 3%	22 / 0%	38 / 3%	51 / 2%	33 / 3%	4 / 0%	44 / 5%	19 / 11%	30 / 7%	27 / 11%
11 / 18%	6 / 17%	13 / 0%	14 / 0%	4 / 0%	7 / 0%	13 / 0%	9 / 11%	4 / 0%	11 / 9%	13 / 8%	11 / 0%	5 / 0%
73 / 5%	64 / 6%	67 / 4%	111 / 3%	22 / 5%	58 / 3%	77 / 10%	90 / 4%	9 / 11%	69 / 9%	34 / 0%	52 / 6%	30 / 0%
6 / 0%	12 / 25%	13 / 0%	36 / 3%	4 / 0%	14 / 0%	11 / 0%	25 / 0%	5 / 20%	17 / 12%	14 / 0%	16 / 0%	11 / 0%
110 / 3%	80 / 3%	93 / 2%	187 / 1%	23 / 4%	79 / 0%	89 / 7%	116 / 2%	10 / 10%	110 / 3%	64 / 2%	67 / 0%	56 / 2%
19 / 0%	14 / 0%	7 / 14%	41 / 0%	4 / 0%	12 / 0%	14 / 0%	45 / 0%	11 / 18%	16 / 0%	30 / 0%	10 / 0%	14 / 7%
125 / 4%	107 / 3%	120 / 7%	296 / 1%	33 / 3%	82 / 1%	108 / 3%	202 / 0%	16 / 0%	158 / 5%	77 / 0%	125 / 1%	90 / 3%
18 / 11%	16 / 0%	6 / 0%	50 / 0%	3 / 0%	19 / 0%	14 / 0%	47 / 0%	5 / 0%	27 / 4%	43 / 0%	8 / 0%	15 / 7%
137 / 2%	83 / 0%	88 / 2%	223 / 1%	16 / 0%	59 / 2%	89 / 2%	224 / 0%	10 / 0%	120 / 5%	80 / 0%	93 / 3%	90 / 2%
19 / 5%	8 / 0%	16 / 6%	77 / 1%	1 / 0%	11 / 0%	9 / 0%	60 / 0%	4 / 25%	19 / 0%	54 / 0%	7 / 0%	15 / 0%
182 / 1%	74 / 3%	86 / 2%	359 / 0%	13 / 0%	79 / 1%	99 / 4%	255 / 0%	6 / 0%	181 / 2%	229 / 0%	130 / 0%	94 / 2%
19 / 0%	22 / 0%	15 / 13%	70 / 0%	2 / 0%	18 / 0%	12 / 0%	86 / 0%	5 / 0%	24 / 0%	99 / 0%	16 / 0%	14 / 0%
229 / 1%	106 / 1%	83 / 0%	427 / 0%	32 / 3%	77 / 0%	110 / 3%	398 / 0%	13 / 0%	174 / 1%	413 / 0%	129 / 1%	128 / 1%
44 / 0%	12 / 0%	17 / 0%	123 / 0%	66 / 0%	11 / 0%	10 / 0%	160 / 0%	6 / 0%	32 / 0%	257 / 0%	21 / 0%	31 / 0%
245 / 0%	75 / 1%	104 / 0%	570 / 0%	86 / 0%	53 / 0%	90 / 0%	470 / 0%	12 / 0%	189 / 0%	509 / 0%	137 / 0%	118 / 0%
26 / 0%	10 / 0%	33 / 0%	176 / 0%	86 / 0%	6 / 0%	3 / 0%	114 / 0%	0 / 0%	21 / 0%	280 / 0%	10 / 0%	9 / 0%
3 / 0%	2 / 0%	3 / 0%	39 / 0%	11 / 0%	2 / 0%	0 / 0%	39 / 0%	2 / 0%	4 / 0%	53 / 0%	7 / 0%	1 / 0%
1389 / 3%	775 / 5%	853 / 6%	2934 / 1%	466 / 1%	683 / 1%	857 / 4%	2425 / 2%	138 / 4%	1269 / 5%	2299 / 2%	917 / 1%	772 / 8%

Attachment 15 - (3-4) Initial Test Volume and Failure Rate by Model Year and Test Station

*Stations without emissions inspections in 2017 have been omitted

096855	096857	096859	096862	096863	096864	096866	096870	096874	096875	096877	096879	096887
2 / 0%	5 / 0%	0 / 0%	0 / 0%	0 / 0%	1 / 0%	3 / 0%	1 / 0%	11 / 18%	2 / 0%	2 / 0%	2 / 0%	1 / 0%
12 / 8%	29 / 14%	8 / 0%	0 / 0%	0 / 0%	12 / 0%	16 / 13%	24 / 4%	45 / 13%	7 / 0%	9 / 22%	9 / 22%	11 / 9%
3 / 0%	10 / 0%	4 / 0%	0 / 0%	2 / 0%	4 / 25%	2 / 50%	3 / 0%	14 / 7%	5 / 0%	8 / 0%	3 / 0%	0 / 0%
16 / 0%	53 / 0%	6 / 0%	3 / 0%	4 / 25%	19 / 0%	36 / 6%	45 / 4%	75 / 5%	8 / 0%	28 / 7%	32 / 6%	22 / 0%
14 / 0%	13 / 0%	2 / 0%	1 / 0%	2 / 0%	8 / 0%	7 / 29%	9 / 44%	15 / 0%	7 / 0%	8 / 0%	3 / 0%	4 / 0%
25 / 4%	73 / 7%	7 / 0%	1 / 0%	4 / 0%	45 / 2%	39 / 8%	90 / 12%	96 / 7%	16 / 13%	36 / 0%	46 / 4%	28 / 4%
4 / 0%	24 / 0%	4 / 0%	2 / 0%	3 / 0%	12 / 8%	4 / 0%	21 / 14%	29 / 10%	16 / 6%	13 / 0%	10 / 20%	6 / 0%
27 / 7%	85 / 4%	31 / 10%	4 / 0%	12 / 0%	75 / 1%	47 / 15%	109 / 4%	139 / 10%	29 / 7%	64 / 3%	47 / 9%	50 / 2%
13 / 0%	24 / 4%	9 / 11%	2 / 0%	4 / 0%	21 / 0%	13 / 8%	24 / 13%	19 / 11%	8 / 0%	12 / 0%	12 / 0%	10 / 0%
37 / 3%	107 / 5%	47 / 4%	12 / 0%	13 / 0%	172 / 1%	86 / 5%	173 / 4%	183 / 4%	41 / 5%	71 / 0%	52 / 6%	133 / 1%
5 / 0%	21 / 0%	12 / 0%	2 / 0%	13 / 8%	33 / 3%	10 / 0%	26 / 0%	34 / 6%	15 / 0%	19 / 0%	9 / 11%	14 / 0%
43 / 0%	100 / 1%	44 / 0%	9 / 0%	25 / 0%	345 / 1%	65 / 2%	221 / 5%	218 / 3%	25 / 8%	96 / 1%	56 / 2%	145 / 1%
13 / 0%	21 / 0%	15 / 0%	3 / 0%	18 / 0%	72 / 3%	8 / 0%	37 / 0%	23 / 4%	3 / 0%	32 / 0%	10 / 10%	27 / 0%
35 / 0%	78 / 3%	37 / 0%	6 / 0%	26 / 0%	226 / 0%	63 / 2%	192 / 2%	186 / 2%	16 / 0%	98 / 0%	44 / 2%	136 / 1%
10 / 0%	25 / 0%	6 / 0%	2 / 0%	15 / 0%	82 / 1%	11 / 9%	26 / 4%	24 / 0%	4 / 0%	17 / 0%	8 / 13%	50 / 0%
31 / 0%	78 / 0%	61 / 0%	8 / 0%	32 / 0%	384 / 0%	74 / 0%	228 / 4%	172 / 1%	12 / 0%	121 / 0%	50 / 0%	229 / 1%
5 / 0%	27 / 4%	13 / 0%	7 / 0%	33 / 0%	110 / 1%	6 / 0%	39 / 0%	25 / 0%	0 / 0%	29 / 3%	10 / 0%	93 / 0%
32 / 0%	71 / 0%	97 / 0%	9 / 0%	90 / 0%	447 / 0%	74 / 0%	292 / 0%	222 / 2%	16 / 0%	184 / 0%	49 / 0%	274 / 1%
13 / 0%	15 / 0%	13 / 0%	5 / 0%	198 / 1%	361 / 0%	9 / 0%	32 / 0%	30 / 0%	2 / 0%	18 / 0%	8 / 0%	192 / 1%
37 / 0%	63 / 0%	80 / 0%	23 / 0%	218 / 1%	1006 / 0%	68 / 0%	223 / 0%	170 / 1%	9 / 0%	155 / 0%	44 / 0%	574 / 0%
29 / 0%	11 / 0%	13 / 0%	1 / 0%	91 / 0%	195 / 0%	5 / 0%	23 / 0%	14 / 0%	2 / 0%	8 / 0%	5 / 0%	166 / 1%
0 / 0%	3 / 0%	3 / 0%	2 / 0%	17 / 0%	25 / 0%	1 / 0%	6 / 0%	3 / 0%	0 / 0%	0 / 0%	1 / 0%	27 / 0%
406 / 1%	936 / 2%	512 / 1%	102 / 0%	820 / 2%	3655 / 2%	647 / 7%	1844 / 5%	1747 / 5%	243 / 2%	1028 / 2%	510 / 5%	2192 / 1%

Attachment 15 - (3-4) Initial Test Volume and Failure Rate by Model Year and Test Station

*Stations without emissions inspections in 2017 have been omitted

096888	096893	096895	096897	096902	096906	096908	096909	096911	096915	096916	096929	096932
1 / 0%	1 / 0%	3 / 0%	3 / 0%	4 / 0%	1 / 0%	1 / 0%	0 / 0%	0 / 0%	2 / 0%	3 / 0%	1 / 0%	12 / 0%
39 / 13%	27 / 4%	31 / 3%	16 / 13%	17 / 12%	9 / 11%	5 / 0%	6 / 17%	9 / 11%	1 / 0%	12 / 17%	12 / 17%	26 / 8%
7 / 0%	3 / 33%	6 / 0%	7 / 14%	9 / 11%	1 / 0%	1 / 0%	3 / 0%	0 / 0%	0 / 0%	5 / 0%	3 / 0%	16 / 13%
71 / 8%	43 / 5%	56 / 5%	44 / 5%	26 / 8%	16 / 0%	17 / 0%	12 / 8%	14 / 21%	2 / 50%	41 / 2%	9 / 0%	66 / 3%
13 / 0%	12 / 0%	20 / 15%	9 / 11%	17 / 24%	5 / 0%	4 / 0%	2 / 0%	3 / 0%	1 / 0%	11 / 0%	8 / 13%	39 / 0%
98 / 3%	79 / 6%	61 / 13%	52 / 10%	47 / 4%	25 / 0%	30 / 3%	20 / 15%	16 / 13%	3 / 0%	45 / 7%	24 / 8%	91 / 5%
17 / 6%	19 / 0%	25 / 4%	7 / 0%	23 / 17%	13 / 0%	6 / 17%	8 / 0%	6 / 0%	2 / 0%	10 / 20%	11 / 9%	33 / 0%
165 / 4%	97 / 2%	76 / 8%	91 / 3%	52 / 10%	49 / 0%	65 / 5%	41 / 5%	20 / 5%	5 / 0%	98 / 5%	39 / 8%	80 / 6%
22 / 5%	24 / 4%	20 / 10%	21 / 5%	21 / 10%	13 / 0%	8 / 0%	14 / 29%	10 / 20%	1 / 0%	18 / 0%	11 / 9%	40 / 0%
176 / 7%	123 / 4%	98 / 6%	121 / 5%	96 / 5%	81 / 1%	82 / 6%	39 / 5%	30 / 0%	5 / 0%	119 / 6%	41 / 7%	98 / 1%
27 / 0%	11 / 18%	26 / 12%	14 / 0%	30 / 13%	20 / 0%	7 / 0%	29 / 0%	5 / 0%	1 / 100%	25 / 0%	13 / 0%	58 / 0%
228 / 4%	115 / 3%	100 / 3%	137 / 3%	57 / 2%	107 / 0%	84 / 5%	79 / 3%	23 / 4%	6 / 17%	182 / 3%	41 / 7%	86 / 5%
22 / 5%	20 / 0%	19 / 5%	20 / 0%	22 / 9%	29 / 0%	11 / 9%	29 / 7%	4 / 0%	1 / 0%	25 / 4%	12 / 0%	36 / 0%
175 / 1%	86 / 0%	67 / 4%	135 / 1%	44 / 0%	120 / 1%	87 / 2%	57 / 2%	15 / 7%	7 / 0%	162 / 2%	36 / 0%	47 / 0%
24 / 0%	12 / 0%	11 / 0%	18 / 11%	13 / 31%	46 / 0%	5 / 0%	22 / 0%	6 / 17%	3 / 0%	21 / 0%	6 / 0%	18 / 0%
180 / 3%	107 / 1%	66 / 2%	138 / 1%	50 / 0%	230 / 0%	104 / 1%	45 / 0%	20 / 5%	3 / 0%	187 / 1%	37 / 0%	43 / 0%
23 / 0%	10 / 0%	7 / 0%	21 / 0%	12 / 0%	78 / 0%	15 / 0%	12 / 0%	6 / 0%	1 / 0%	25 / 4%	9 / 0%	21 / 0%
211 / 1%	108 / 0%	110 / 3%	207 / 0%	75 / 4%	443 / 0%	137 / 0%	55 / 0%	17 / 6%	8 / 0%	255 / 1%	57 / 2%	45 / 0%
17 / 6%	9 / 0%	13 / 0%	24 / 0%	17 / 0%	462 / 0%	10 / 0%	12 / 0%	3 / 0%	1 / 0%	41 / 2%	7 / 0%	9 / 0%
173 / 1%	125 / 0%	87 / 0%	168 / 1%	47 / 0%	725 / 0%	101 / 0%	30 / 0%	8 / 0%	3 / 0%	210 / 1%	61 / 0%	26 / 0%
8 / 0%	9 / 0%	4 / 0%	17 / 0%	25 / 0%	234 / 0%	8 / 0%	3 / 0%	3 / 0%	1 / 0%	23 / 0%	2 / 0%	4 / 0%
3 / 0%	1 / 0%	1 / 0%	5 / 0%	6 / 0%	102 / 0%	1 / 0%	1 / 0%	0 / 0%	0 / 0%	3 / 0%	0 / 0%	0 / 0%
1700 / 3%	1041 / 4%	907 / 4%	1275 / 4%	710 / 7%	2809 / 1%	789 / 2%	519 / 4%	218 / 5%	57 / 8%	1521 / 3%	440 / 4%	894 / 2%

Attachment 15 - (3-4) Initial Test Volume and Failure Rate by Model Year and Test Station

*Stations without emissions inspections in 2017 have been omitted

096933	096936	096943	096948	096952	096953	096956	096958	096961	096962	096965	096967	096968
0 / 0%	1 / 0%	4 / 0%	1 / 100%	3 / 33%	1 / 0%	0 / 0%	0 / 0%	4 / 0%	3 / 0%	5 / 40%	2 / 50%	2 / 0%
1 / 0%	18 / 6%	20 / 0%	11 / 9%	13 / 0%	8 / 13%	21 / 5%	12 / 17%	26 / 15%	22 / 0%	10 / 0%	5 / 0%	7 / 0%
0 / 0%	4 / 0%	6 / 0%	6 / 0%	5 / 0%	1 / 0%	6 / 0%	4 / 0%	13 / 23%	2 / 0%	4 / 25%	1 / 0%	8 / 13%
1 / 0%	14 / 0%	32 / 3%	48 / 0%	22 / 0%	10 / 0%	35 / 6%	16 / 13%	51 / 10%	27 / 4%	19 / 5%	22 / 5%	22 / 0%
0 / 0%	12 / 0%	6 / 0%	8 / 0%	5 / 0%	2 / 50%	3 / 0%	6 / 17%	20 / 20%	13 / 8%	13 / 0%	7 / 0%	9 / 0%
1 / 0%	40 / 8%	58 / 3%	51 / 6%	46 / 2%	14 / 7%	52 / 0%	26 / 4%	65 / 6%	45 / 4%	34 / 3%	23 / 4%	22 / 0%
2 / 0%	6 / 0%	13 / 8%	12 / 0%	8 / 13%	3 / 0%	18 / 0%	9 / 11%	23 / 22%	9 / 0%	11 / 0%	3 / 0%	6 / 0%
5 / 0%	46 / 0%	100 / 6%	57 / 4%	60 / 5%	26 / 12%	77 / 0%	45 / 9%	100 / 13%	77 / 3%	39 / 5%	31 / 3%	31 / 6%
2 / 0%	21 / 0%	6 / 0%	7 / 0%	14 / 7%	7 / 0%	25 / 0%	12 / 0%	47 / 11%	14 / 7%	21 / 0%	6 / 0%	7 / 0%
2 / 0%	60 / 0%	124 / 3%	61 / 3%	83 / 4%	37 / 5%	105 / 0%	65 / 3%	119 / 3%	95 / 3%	59 / 3%	51 / 6%	39 / 0%
1 / 0%	10 / 10%	18 / 0%	14 / 0%	33 / 3%	3 / 0%	39 / 0%	23 / 4%	67 / 4%	9 / 0%	18 / 0%	13 / 8%	5 / 0%
3 / 0%	75 / 0%	144 / 5%	70 / 1%	119 / 2%	38 / 0%	200 / 1%	98 / 5%	144 / 3%	100 / 3%	51 / 4%	67 / 0%	35 / 0%
1 / 0%	10 / 0%	17 / 0%	11 / 0%	31 / 0%	5 / 0%	118 / 0%	28 / 0%	40 / 5%	11 / 9%	22 / 5%	16 / 0%	6 / 0%
6 / 0%	55 / 0%	137 / 0%	38 / 0%	101 / 2%	20 / 0%	226 / 0%	79 / 1%	107 / 5%	64 / 2%	37 / 0%	78 / 3%	19 / 0%
1 / 0%	6 / 0%	16 / 6%	5 / 0%	12 / 0%	1 / 0%	119 / 1%	28 / 0%	28 / 0%	9 / 0%	19 / 0%	20 / 0%	5 / 0%
3 / 0%	39 / 0%	151 / 0%	44 / 5%	158 / 1%	43 / 2%	420 / 0%	154 / 1%	127 / 1%	94 / 0%	31 / 0%	92 / 0%	31 / 3%
0 / 0%	12 / 0%	34 / 0%	6 / 0%	25 / 0%	2 / 0%	242 / 0%	33 / 0%	49 / 4%	15 / 0%	19 / 0%	23 / 0%	4 / 0%
3 / 0%	66 / 0%	174 / 0%	42 / 0%	209 / 0%	58 / 0%	556 / 0%	235 / 1%	194 / 2%	111 / 0%	29 / 0%	160 / 0%	20 / 0%
0 / 0%	8 / 0%	32 / 0%	3 / 0%	49 / 0%	9 / 0%	365 / 1%	49 / 2%	54 / 0%	12 / 0%	6 / 0%	26 / 0%	4 / 0%
6 / 0%	44 / 0%	149 / 1%	26 / 0%	241 / 0%	59 / 0%	898 / 0%	239 / 1%	184 / 1%	93 / 1%	13 / 0%	184 / 0%	18 / 0%
0 / 0%	7 / 0%	13 / 0%	3 / 0%	29 / 3%	3 / 0%	269 / 0%	25 / 0%	17 / 0%	8 / 0%	0 / 0%	11 / 0%	2 / 0%
0 / 0%	1 / 0%	0 / 0%	0 / 0%	7 / 0%	3 / 0%	184 / 0%	7 / 0%	4 / 0%	31 / 0%	1 / 0%	7 / 0%	0 / 0%
38 / 0%	555 / 1%	1254 / 2%	524 / 6%	1273 / 3%	353 / 4%	3978 / 1%	1193 / 4%	1483 / 7%	864 / 2%	461 / 4%	848 / 4%	302 / 1%

Attachment 15 - (3-4) Initial Test Volume and Failure Rate by Model Year and Test Station

*Stations without emissions inspections in 2017 have been omitted

096970	096973	096974	096976	096978	096979	096983	096984	096989	096992	096993	096994	115000
4 / 0%	1 / 0%	3 / 0%	2 / 0%	2 / 0%	8 / 0%	0 / 0%	0 / 0%	2 / 50%	1 / 0%	3 / 0%	1 / 0%	9 / 22%
28 / 4%	2 / 0%	34 / 6%	9 / 0%	21 / 14%	19 / 0%	7 / 0%	9 / 0%	21 / 5%	4 / 0%	13 / 8%	4 / 0%	20 / 0%
5 / 0%	0 / 0%	6 / 0%	4 / 0%	7 / 0%	2 / 0%	4 / 0%	6 / 17%	3 / 0%	0 / 0%	5 / 60%	5 / 0%	7 / 0%
58 / 3%	7 / 0%	54 / 4%	12 / 8%	37 / 3%	26 / 0%	10 / 0%	26 / 0%	28 / 4%	7 / 0%	17 / 0%	11 / 0%	31 / 3%
7 / 0%	3 / 0%	20 / 0%	8 / 0%	21 / 10%	6 / 0%	2 / 0%	3 / 0%	10 / 0%	3 / 0%	8 / 13%	4 / 25%	15 / 7%
71 / 6%	14 / 0%	63 / 2%	20 / 10%	48 / 6%	51 / 2%	17 / 0%	35 / 6%	62 / 5%	9 / 0%	34 / 9%	14 / 0%	70 / 0%
10 / 0%	3 / 0%	20 / 0%	8 / 0%	14 / 0%	11 / 0%	3 / 0%	13 / 0%	16 / 6%	2 / 0%	12 / 8%	10 / 0%	40 / 0%
62 / 3%	15 / 7%	93 / 4%	20 / 0%	70 / 3%	63 / 0%	22 / 5%	62 / 5%	88 / 3%	15 / 7%	42 / 7%	20 / 5%	109 / 2%
13 / 0%	1 / 0%	26 / 0%	8 / 0%	16 / 0%	15 / 0%	13 / 8%	12 / 0%	26 / 0%	14 / 0%	11 / 0%	5 / 0%	47 / 0%
65 / 5%	13 / 0%	107 / 3%	32 / 3%	71 / 6%	89 / 0%	44 / 5%	90 / 0%	129 / 5%	25 / 0%	71 / 6%	27 / 7%	127 / 2%
8 / 13%	5 / 0%	18 / 0%	24 / 0%	10 / 0%	14 / 0%	7 / 14%	17 / 0%	21 / 0%	10 / 0%	12 / 0%	4 / 0%	53 / 0%
51 / 0%	14 / 0%	135 / 2%	30 / 0%	70 / 3%	103 / 0%	42 / 2%	116 / 2%	155 / 4%	40 / 0%	50 / 18%	56 / 4%	100 / 2%
11 / 0%	3 / 33%	13 / 8%	19 / 0%	11 / 0%	9 / 0%	13 / 8%	44 / 0%	29 / 14%	26 / 0%	5 / 0%	10 / 0%	31 / 0%
29 / 0%	12 / 0%	90 / 0%	23 / 4%	43 / 2%	61 / 0%	31 / 3%	128 / 0%	124 / 1%	48 / 0%	51 / 4%	33 / 3%	66 / 0%
4 / 0%	0 / 0%	14 / 7%	19 / 0%	12 / 0%	8 / 0%	17 / 0%	62 / 0%	36 / 3%	31 / 3%	13 / 8%	11 / 0%	19 / 0%
28 / 0%	17 / 0%	67 / 0%	28 / 0%	50 / 2%	73 / 0%	46 / 0%	316 / 2%	133 / 2%	161 / 1%	74 / 3%	44 / 0%	46 / 0%
7 / 0%	4 / 0%	9 / 0%	12 / 0%	12 / 0%	8 / 0%	29 / 0%	108 / 0%	33 / 0%	58 / 0%	8 / 0%	14 / 0%	18 / 0%
35 / 0%	16 / 6%	78 / 0%	26 / 0%	50 / 0%	85 / 0%	92 / 0%	499 / 0%	201 / 1%	264 / 0%	63 / 0%	65 / 0%	59 / 0%
3 / 0%	5 / 0%	6 / 0%	15 / 0%	7 / 0%	5 / 0%	168 / 0%	380 / 1%	29 / 0%	129 / 0%	4 / 0%	9 / 0%	14 / 0%
19 / 0%	17 / 0%	55 / 0%	7 / 0%	36 / 0%	46 / 0%	465 / 0%	670 / 0%	147 / 0%	309 / 0%	46 / 0%	52 / 0%	36 / 0%
2 / 0%	3 / 0%	3 / 0%	4 / 0%	5 / 0%	3 / 0%	918 / 0%	379 / 0%	13 / 0%	143 / 1%	4 / 0%	5 / 0%	2 / 0%
0 / 0%	0 / 0%	1 / 0%	1 / 0%	0 / 0%	2 / 0%	249 / 0%	140 / 0%	3 / 0%	36 / 0%	2 / 0%	1 / 0%	3 / 0%
520 / 1%	155 / 2%	915 / 2%	331 / 1%	613 / 2%	707 / 0%	2199 / 2%	3115 / 1%	1309 / 5%	1335 / 1%	548 / 6%	405 / 2%	922 / 2%

Attachment 15 - (3-4) Initial Test Volume and Failure Rate by Model Year and Test Station

*Stations without emissions inspections in 2017 have been omitted

115001	115002	115003	115005	115008	115017	115018	115020	115022	115026	115027	115033	115034
1 / 0%	27 / 11%	3 / 0%	7 / 14%	0 / 0%	0 / 0%	7 / 14%	0 / 0%	17 / 12%	1 / 0%	6 / 17%	3 / 0%	8 / 25%
11 / 0%	130 / 15%	8 / 13%	14 / 7%	12 / 8%	2 / 0%	16 / 6%	4 / 0%	19 / 5%	10 / 0%	36 / 0%	24 / 0%	29 / 3%
5 / 0%	69 / 6%	1 / 0%	20 / 5%	4 / 0%	1 / 0%	3 / 0%	1 / 0%	21 / 0%	5 / 0%	13 / 0%	3 / 33%	6 / 0%
19 / 5%	220 / 6%	14 / 7%	28 / 4%	13 / 8%	1 / 0%	20 / 0%	19 / 5%	27 / 19%	22 / 5%	54 / 2%	29 / 0%	29 / 10%
2 / 0%	115 / 4%	6 / 17%	26 / 4%	6 / 17%	2 / 0%	12 / 0%	4 / 0%	13 / 8%	11 / 0%	17 / 6%	9 / 0%	11 / 18%
26 / 8%	236 / 6%	29 / 0%	55 / 11%	19 / 5%	3 / 0%	45 / 2%	18 / 6%	59 / 5%	40 / 8%	79 / 1%	44 / 0%	55 / 15%
8 / 13%	151 / 4%	15 / 0%	44 / 0%	10 / 10%	1 / 0%	10 / 0%	4 / 0%	43 / 2%	12 / 0%	29 / 0%	12 / 0%	18 / 11%
22 / 5%	332 / 2%	24 / 8%	80 / 4%	40 / 5%	0 / 0%	45 / 2%	26 / 8%	69 / 7%	48 / 2%	110 / 0%	45 / 0%	59 / 14%
6 / 0%	138 / 3%	22 / 0%	49 / 4%	5 / 20%	3 / 0%	22 / 5%	10 / 0%	36 / 3%	20 / 0%	46 / 0%	10 / 0%	10 / 20%
37 / 3%	348 / 1%	34 / 12%	115 / 5%	36 / 6%	7 / 14%	30 / 0%	48 / 0%	88 / 3%	79 / 3%	115 / 1%	56 / 2%	68 / 7%
4 / 0%	184 / 2%	6 / 0%	55 / 11%	12 / 8%	0 / 0%	10 / 0%	18 / 6%	32 / 0%	20 / 5%	44 / 0%	9 / 0%	21 / 19%
41 / 5%	287 / 2%	23 / 0%	120 / 3%	22 / 14%	1 / 0%	35 / 0%	74 / 4%	81 / 5%	96 / 2%	114 / 2%	52 / 0%	80 / 9%
7 / 0%	104 / 3%	9 / 0%	50 / 2%	5 / 20%	2 / 0%	8 / 0%	27 / 0%	25 / 4%	21 / 0%	33 / 0%	3 / 0%	22 / 9%
23 / 0%	177 / 1%	19 / 0%	84 / 1%	13 / 0%	0 / 0%	17 / 0%	77 / 4%	50 / 6%	66 / 2%	72 / 0%	32 / 0%	53 / 0%
0 / 0%	55 / 0%	3 / 0%	32 / 3%	3 / 0%	3 / 0%	3 / 0%	49 / 0%	22 / 14%	19 / 0%	28 / 0%	10 / 0%	18 / 6%
19 / 0%	167 / 2%	12 / 8%	120 / 3%	24 / 4%	6 / 0%	17 / 0%	113 / 1%	51 / 0%	83 / 1%	50 / 2%	21 / 0%	60 / 2%
2 / 0%	33 / 0%	11 / 0%	27 / 4%	3 / 0%	1 / 0%	3 / 0%	61 / 0%	14 / 0%	16 / 0%	17 / 0%	5 / 0%	8 / 13%
12 / 0%	110 / 1%	16 / 0%	132 / 0%	17 / 0%	3 / 0%	21 / 0%	194 / 0%	76 / 1%	108 / 0%	62 / 0%	30 / 0%	60 / 0%
2 / 0%	41 / 0%	3 / 0%	16 / 0%	4 / 0%	4 / 0%	2 / 0%	157 / 0%	16 / 0%	20 / 0%	12 / 0%	6 / 0%	10 / 0%
9 / 0%	96 / 1%	14 / 0%	105 / 0%	15 / 7%	5 / 0%	12 / 0%	264 / 0%	53 / 2%	96 / 0%	46 / 0%	20 / 0%	35 / 0%
2 / 0%	14 / 7%	0 / 0%	14 / 0%	2 / 0%	2 / 0%	1 / 0%	95 / 0%	7 / 0%	17 / 0%	8 / 0%	3 / 0%	7 / 0%
0 / 0%	0 / 0%	0 / 0%	0 / 0%	0 / 0%	1 / 0%	0 / 0%	112 / 0%	2 / 0%	5 / 0%	0 / 0%	1 / 0%	2 / 0%
258 / 2%	3034 / 4%	272 / 3%	1193 / 4%	265 / 6%	48 / 1%	339 / 1%	1375 / 1%	821 / 4%	815 / 1%	991 / 1%	427 / 2%	669 / 8%

Attachment 15 - (3-4) Initial Test Volume and Failure Rate by Model Year and Test Station

*Stations without emissions inspections in 2017 have been omitted

115035	115037	115039	115045	115048	115049	115053	115054	115056	115059	115061	115062	115063
2 / 0%	7 / 0%	0 / 0%	9 / 0%	8 / 25%	0 / 0%	0 / 0%	0 / 0%	4 / 25%	3 / 0%	5 / 0%	4 / 0%	1 / 0%
12 / 0%	19 / 0%	9 / 11%	19 / 0%	36 / 11%	12 / 0%	0 / 0%	5 / 0%	8 / 0%	5 / 0%	9 / 0%	23 / 0%	20 / 10%
1 / 0%	27 / 0%	0 / 0%	7 / 0%	17 / 29%	0 / 0%	0 / 0%	1 / 0%	11 / 9%	3 / 33%	2 / 0%	8 / 0%	0 / 0%
15 / 0%	42 / 0%	11 / 0%	31 / 10%	50 / 16%	11 / 0%	0 / 0%	10 / 20%	20 / 0%	5 / 0%	18 / 0%	32 / 0%	31 / 0%
4 / 0%	49 / 0%	5 / 0%	18 / 0%	22 / 14%	1 / 0%	0 / 0%	3 / 0%	26 / 0%	8 / 0%	16 / 0%	16 / 6%	3 / 0%
33 / 0%	86 / 0%	20 / 0%	47 / 15%	61 / 16%	17 / 6%	0 / 0%	19 / 5%	50 / 6%	12 / 8%	23 / 4%	47 / 0%	44 / 7%
7 / 0%	124 / 0%	5 / 0%	46 / 7%	30 / 7%	3 / 0%	0 / 0%	8 / 0%	31 / 3%	12 / 0%	12 / 8%	25 / 0%	5 / 0%
29 / 0%	180 / 0%	24 / 8%	48 / 4%	91 / 13%	31 / 0%	0 / 0%	17 / 0%	81 / 5%	13 / 0%	26 / 0%	51 / 4%	57 / 4%
1 / 0%	225 / 0%	8 / 0%	34 / 9%	27 / 15%	6 / 0%	1 / 0%	23 / 0%	36 / 3%	11 / 0%	18 / 0%	36 / 3%	9 / 0%
33 / 0%	242 / 0%	51 / 0%	67 / 4%	95 / 4%	32 / 3%	0 / 0%	42 / 5%	90 / 1%	17 / 0%	30 / 3%	80 / 0%	68 / 1%
3 / 0%	241 / 1%	11 / 9%	12 / 0%	28 / 14%	4 / 0%	1 / 0%	25 / 0%	75 / 3%	13 / 0%	18 / 0%	64 / 2%	9 / 0%
30 / 0%	228 / 2%	60 / 0%	53 / 6%	102 / 10%	28 / 0%	0 / 0%	47 / 0%	104 / 2%	11 / 0%	20 / 0%	93 / 0%	61 / 2%
4 / 0%	184 / 0%	9 / 0%	19 / 11%	43 / 5%	3 / 0%	0 / 0%	31 / 0%	65 / 3%	8 / 0%	10 / 0%	56 / 2%	13 / 0%
27 / 0%	106 / 1%	60 / 0%	19 / 0%	81 / 6%	16 / 0%	0 / 0%	38 / 3%	62 / 2%	8 / 0%	10 / 0%	40 / 5%	53 / 0%
4 / 0%	61 / 0%	12 / 0%	12 / 17%	33 / 9%	2 / 0%	0 / 0%	19 / 0%	45 / 0%	5 / 0%	3 / 0%	16 / 0%	13 / 0%
15 / 0%	37 / 5%	60 / 0%	21 / 0%	97 / 6%	20 / 0%	0 / 0%	20 / 0%	53 / 2%	8 / 0%	10 / 0%	34 / 0%	48 / 2%
6 / 0%	18 / 0%	12 / 0%	7 / 0%	59 / 2%	2 / 0%	0 / 0%	10 / 0%	28 / 0%	8 / 0%	1 / 0%	16 / 0%	7 / 0%
18 / 0%	13 / 0%	77 / 0%	19 / 0%	162 / 1%	16 / 0%	0 / 0%	13 / 0%	29 / 0%	9 / 0%	8 / 0%	12 / 0%	62 / 2%
5 / 0%	4 / 0%	8 / 0%	5 / 0%	74 / 0%	3 / 0%	0 / 0%	1 / 0%	18 / 0%	6 / 0%	3 / 0%	2 / 0%	3 / 0%
13 / 0%	5 / 0%	43 / 0%	13 / 0%	194 / 2%	18 / 0%	0 / 0%	12 / 0%	28 / 0%	5 / 0%	8 / 0%	17 / 0%	45 / 2%
1 / 0%	0 / 0%	10 / 0%	3 / 0%	35 / 0%	1 / 0%	0 / 0%	1 / 0%	2 / 0%	0 / 0%	2 / 0%	1 / 0%	5 / 0%
0 / 0%	0 / 0%	3 / 0%	0 / 0%	9 / 0%	1 / 0%	0 / 0%	0 / 0%	0 / 0%	0 / 0%	0 / 0%	1 / 0%	1 / 0%
263 / 0%	1898 / 0%	498 / 1%	509 / 4%	1354 / 9%	227 / 0%	2 / 0%	345 / 1%	866 / 3%	170 / 2%	252 / 1%	674 / 1%	558 / 1%

Attachment 15 - (3-4) Initial Test Volume and Failure Rate by Model Year and Test Station

*Stations without emissions inspections in 2017 have been omitted

115065	115078	115083	115084	115086	115090	115101	115102	115107	115117	115132	115136	115138
5 / 20%	3 / 0%	2 / 50%	4 / 0%	2 / 0%	3 / 0%	4 / 0%	4 / 0%	5 / 20%	19 / 11%	2 / 0%	3 / 0%	45 / 4%
15 / 13%	4 / 0%	5 / 20%	16 / 0%	8 / 0%	19 / 11%	27 / 0%	19 / 11%	20 / 5%	18 / 0%	28 / 0%	16 / 6%	150 / 17%
8 / 25%	8 / 0%	1 / 0%	5 / 0%	1 / 0%	13 / 8%	15 / 13%	7 / 0%	9 / 11%	19 / 0%	11 / 0%	6 / 0%	68 / 10%
36 / 11%	13 / 0%	9 / 0%	13 / 0%	26 / 12%	41 / 2%	53 / 2%	20 / 0%	26 / 4%	34 / 0%	49 / 2%	30 / 10%	231 / 10%
6 / 17%	5 / 20%	3 / 0%	6 / 17%	10 / 10%	23 / 4%	15 / 0%	10 / 0%	14 / 0%	28 / 0%	14 / 0%	10 / 10%	141 / 11%
45 / 11%	15 / 0%	16 / 6%	19 / 0%	56 / 2%	36 / 0%	54 / 2%	50 / 8%	42 / 2%	69 / 1%	78 / 0%	34 / 12%	276 / 13%
3 / 0%	21 / 5%	7 / 0%	7 / 0%	10 / 0%	31 / 0%	15 / 0%	15 / 7%	17 / 0%	72 / 0%	33 / 0%	9 / 11%	136 / 9%
54 / 7%	27 / 0%	14 / 7%	25 / 4%	100 / 3%	56 / 7%	46 / 2%	68 / 7%	43 / 0%	112 / 1%	100 / 0%	73 / 8%	325 / 8%
11 / 9%	24 / 0%	4 / 25%	6 / 0%	26 / 8%	39 / 0%	14 / 7%	15 / 0%	27 / 0%	78 / 1%	43 / 0%	5 / 20%	150 / 7%
70 / 7%	25 / 0%	11 / 9%	28 / 0%	187 / 1%	95 / 2%	47 / 0%	96 / 4%	53 / 0%	106 / 1%	125 / 0%	65 / 6%	380 / 7%
11 / 9%	15 / 0%	2 / 0%	8 / 0%	38 / 0%	42 / 0%	14 / 7%	18 / 0%	20 / 0%	92 / 1%	55 / 0%	6 / 17%	134 / 16%
66 / 5%	31 / 0%	9 / 0%	19 / 0%	240 / 1%	77 / 5%	44 / 5%	133 / 1%	33 / 3%	74 / 1%	117 / 0%	58 / 2%	321 / 7%
16 / 6%	14 / 0%	2 / 0%	2 / 0%	45 / 0%	37 / 0%	10 / 0%	25 / 4%	15 / 7%	55 / 0%	39 / 0%	8 / 0%	107 / 7%
60 / 0%	18 / 0%	3 / 0%	11 / 0%	243 / 0%	31 / 3%	32 / 0%	106 / 7%	14 / 7%	37 / 3%	79 / 0%	47 / 0%	171 / 5%
9 / 0%	7 / 0%	0 / 0%	1 / 0%	65 / 0%	13 / 0%	5 / 0%	15 / 0%	3 / 0%	27 / 0%	23 / 0%	6 / 17%	45 / 0%
40 / 5%	12 / 0%	2 / 0%	15 / 0%	261 / 0%	38 / 0%	34 / 0%	122 / 0%	21 / 0%	22 / 0%	69 / 1%	43 / 0%	164 / 7%
14 / 0%	3 / 0%	1 / 0%	2 / 0%	64 / 0%	11 / 0%	3 / 33%	17 / 0%	4 / 0%	9 / 0%	20 / 0%	9 / 0%	40 / 0%
42 / 2%	8 / 0%	6 / 0%	11 / 0%	323 / 0%	15 / 0%	17 / 0%	167 / 0%	20 / 0%	17 / 0%	75 / 0%	45 / 4%	154 / 1%
10 / 0%	5 / 0%	2 / 0%	2 / 0%	169 / 0%	2 / 0%	2 / 0%	18 / 0%	2 / 0%	5 / 0%	6 / 0%	10 / 0%	22 / 0%
46 / 2%	5 / 0%	6 / 0%	12 / 0%	472 / 0%	18 / 0%	5 / 0%	108 / 1%	12 / 0%	7 / 0%	42 / 0%	38 / 0%	107 / 0%
4 / 0%	1 / 0%	1 / 0%	1 / 0%	191 / 1%	3 / 0%	1 / 0%	16 / 0%	0 / 0%	1 / 0%	3 / 0%	0 / 0%	10 / 0%
1 / 0%	0 / 0%	0 / 0%	1 / 0%	27 / 0%	0 / 0%	0 / 0%	4 / 0%	0 / 0%	1 / 0%	0 / 0%	1 / 0%	0 / 0%
572 / 7%	264 / 1%	106 / 5%	214 / 1%	2564 / 2%	643 / 2%	457 / 3%	1053 / 2%	400 / 3%	902 / 1%	1011 / 0%	522 / 6%	3177 / 6%

Attachment 15 - (3-4) Initial Test Volume and Failure Rate by Model Year and Test Station

*Stations without emissions inspections in 2017 have been omitted

115140	115142	115146	115149	115151	115163	115171	115175	115192	115194	115196	115204	115214
5 / 20%	2 / 0%	4 / 0%	6 / 0%	3 / 0%	0 / 0%	0 / 0%	5 / 0%	14 / 0%	5 / 20%	4 / 0%	2 / 50%	5 / 0%
26 / 4%	22 / 0%	19 / 5%	20 / 5%	2 / 50%	11 / 18%	7 / 0%	21 / 0%	38 / 13%	14 / 0%	26 / 4%	12 / 0%	23 / 0%
13 / 0%	9 / 11%	17 / 0%	10 / 0%	4 / 0%	7 / 14%	0 / 0%	2 / 0%	25 / 4%	1 / 0%	5 / 0%	3 / 0%	17 / 18%
31 / 3%	30 / 3%	41 / 2%	48 / 8%	18 / 6%	16 / 0%	9 / 11%	35 / 3%	69 / 10%	27 / 0%	53 / 6%	12 / 17%	34 / 6%
24 / 4%	15 / 13%	28 / 0%	22 / 9%	4 / 50%	3 / 0%	1 / 0%	8 / 0%	45 / 4%	6 / 17%	11 / 18%	7 / 14%	29 / 7%
67 / 4%	49 / 8%	70 / 3%	50 / 6%	11 / 0%	24 / 8%	9 / 0%	34 / 9%	136 / 4%	28 / 0%	85 / 6%	27 / 7%	72 / 7%
39 / 3%	26 / 4%	48 / 0%	24 / 4%	6 / 33%	12 / 0%	1 / 100%	7 / 14%	53 / 4%	14 / 21%	23 / 0%	5 / 0%	33 / 6%
115 / 3%	65 / 5%	81 / 1%	59 / 2%	28 / 7%	54 / 2%	5 / 0%	44 / 5%	204 / 2%	48 / 4%	86 / 2%	34 / 18%	76 / 0%
47 / 2%	25 / 4%	42 / 0%	17 / 6%	20 / 0%	20 / 5%	1 / 0%	9 / 11%	86 / 6%	15 / 7%	26 / 4%	11 / 18%	54 / 2%
125 / 0%	57 / 2%	77 / 1%	53 / 0%	21 / 5%	77 / 0%	6 / 0%	42 / 2%	302 / 2%	71 / 3%	84 / 5%	39 / 5%	112 / 4%
49 / 2%	18 / 6%	38 / 0%	9 / 11%	11 / 18%	23 / 4%	1 / 0%	12 / 0%	118 / 3%	31 / 10%	22 / 0%	14 / 21%	77 / 0%
175 / 1%	69 / 9%	93 / 1%	59 / 2%	23 / 9%	124 / 1%	7 / 0%	54 / 2%	407 / 3%	90 / 6%	112 / 4%	49 / 4%	134 / 1%
71 / 0%	11 / 0%	32 / 0%	13 / 0%	20 / 5%	31 / 0%	1 / 0%	4 / 0%	119 / 3%	47 / 0%	18 / 0%	10 / 0%	73 / 3%
163 / 1%	39 / 3%	45 / 0%	37 / 0%	20 / 0%	126 / 1%	7 / 0%	40 / 8%	327 / 2%	80 / 4%	59 / 3%	47 / 0%	111 / 2%
63 / 0%	12 / 0%	16 / 0%	7 / 0%	20 / 5%	39 / 0%	2 / 0%	8 / 0%	86 / 0%	24 / 0%	14 / 0%	13 / 8%	50 / 2%
196 / 0%	36 / 0%	38 / 0%	25 / 4%	35 / 3%	236 / 1%	9 / 0%	44 / 2%	360 / 0%	62 / 5%	70 / 0%	31 / 0%	98 / 2%
74 / 0%	7 / 0%	19 / 0%	2 / 0%	7 / 0%	97 / 2%	0 / 0%	4 / 0%	119 / 3%	30 / 0%	19 / 0%	7 / 0%	71 / 1%
291 / 0%	41 / 0%	32 / 3%	30 / 0%	24 / 0%	372 / 1%	9 / 0%	44 / 0%	554 / 0%	85 / 0%	74 / 0%	50 / 4%	169 / 1%
82 / 0%	5 / 0%	7 / 0%	3 / 0%	9 / 0%	259 / 0%	1 / 0%	5 / 0%	105 / 0%	20 / 0%	14 / 0%	13 / 0%	54 / 0%
320 / 0%	33 / 3%	20 / 0%	24 / 0%	30 / 0%	509 / 0%	8 / 0%	35 / 0%	466 / 0%	78 / 0%	53 / 0%	40 / 3%	164 / 0%
46 / 2%	0 / 0%	5 / 0%	4 / 0%	6 / 0%	323 / 0%	2 / 0%	2 / 0%	65 / 0%	12 / 0%	6 / 0%	5 / 0%	101 / 0%
14 / 0%	0 / 0%	0 / 0%	0 / 0%	0 / 0%	72 / 1%	0 / 0%	1 / 0%	11 / 0%	0 / 0%	2 / 0%	2 / 0%	5 / 0%
2036 / 2%	571 / 3%	772 / 1%	522 / 3%	322 / 9%	2435 / 3%	86 / 5%	460 / 3%	3709 / 3%	788 / 4%	866 / 2%	433 / 8%	1562 / 3%

Attachment 15 - (3-4) Initial Test Volume and Failure Rate by Model Year and Test Station

*Stations without emissions inspections in 2017 have been omitted

115217	115226	115233	115236	115242	115245	115249	115251	115255	115260	115267	115272	115273
1 / 0%	1 / 0%	20 / 10%	0 / 0%	13 / 8%	2 / 0%	22 / 0%	0 / 0%	1 / 0%	33 / 6%	2 / 0%	0 / 0%	4 / 25%
8 / 0%	19 / 16%	74 / 5%	5 / 0%	30 / 10%	10 / 0%	81 / 0%	1 / 0%	3 / 0%	86 / 0%	18 / 11%	3 / 0%	12 / 17%
1 / 0%	3 / 0%	30 / 13%	0 / 0%	18 / 11%	5 / 0%	37 / 0%	0 / 0%	8 / 0%	45 / 4%	4 / 0%	1 / 0%	5 / 0%
31 / 10%	21 / 5%	114 / 3%	2 / 0%	62 / 8%	13 / 8%	136 / 0%	3 / 0%	20 / 5%	156 / 0%	43 / 7%	3 / 0%	22 / 9%
5 / 0%	11 / 0%	65 / 6%	1 / 0%	26 / 8%	6 / 0%	61 / 2%	0 / 0%	7 / 0%	74 / 0%	2 / 0%	0 / 0%	12 / 8%
29 / 10%	35 / 9%	134 / 5%	8 / 0%	76 / 18%	22 / 0%	181 / 0%	4 / 0%	24 / 4%	202 / 0%	31 / 10%	0 / 0%	33 / 15%
4 / 25%	12 / 42%	84 / 7%	2 / 0%	38 / 18%	14 / 0%	75 / 0%	3 / 33%	6 / 0%	88 / 1%	5 / 40%	0 / 0%	8 / 13%
33 / 12%	62 / 11%	181 / 3%	8 / 13%	115 / 7%	25 / 0%	165 / 1%	5 / 0%	23 / 0%	245 / 1%	38 / 11%	2 / 0%	56 / 4%
5 / 0%	10 / 0%	92 / 5%	3 / 0%	36 / 14%	10 / 0%	70 / 0%	1 / 0%	6 / 0%	105 / 1%	8 / 0%	0 / 0%	10 / 0%
54 / 6%	85 / 9%	187 / 5%	7 / 14%	138 / 6%	25 / 0%	185 / 0%	4 / 0%	34 / 3%	258 / 1%	54 / 9%	3 / 0%	42 / 5%
3 / 0%	16 / 6%	89 / 2%	1 / 0%	65 / 11%	9 / 0%	43 / 0%	1 / 0%	7 / 0%	101 / 1%	10 / 0%	2 / 0%	17 / 6%
56 / 5%	92 / 8%	144 / 4%	5 / 0%	204 / 4%	33 / 0%	102 / 1%	3 / 0%	49 / 0%	208 / 0%	52 / 8%	2 / 0%	81 / 9%
6 / 0%	11 / 0%	66 / 2%	3 / 0%	49 / 6%	9 / 0%	36 / 0%	2 / 0%	11 / 9%	81 / 0%	5 / 0%	0 / 0%	11 / 9%
40 / 0%	64 / 5%	74 / 4%	7 / 0%	129 / 3%	15 / 7%	44 / 0%	4 / 0%	30 / 7%	136 / 0%	27 / 0%	1 / 0%	42 / 0%
4 / 0%	17 / 6%	31 / 0%	4 / 0%	35 / 6%	9 / 0%	13 / 0%	3 / 0%	6 / 0%	31 / 0%	2 / 0%	0 / 0%	13 / 15%
56 / 0%	68 / 3%	71 / 4%	12 / 0%	138 / 1%	13 / 0%	43 / 2%	8 / 0%	35 / 0%	101 / 1%	35 / 6%	6 / 0%	65 / 5%
4 / 0%	20 / 0%	32 / 3%	2 / 0%	44 / 2%	6 / 0%	15 / 0%	1 / 0%	8 / 0%	19 / 0%	2 / 0%	1 / 0%	11 / 0%
48 / 0%	119 / 1%	71 / 0%	20 / 0%	174 / 1%	15 / 0%	31 / 0%	7 / 0%	38 / 0%	65 / 0%	35 / 0%	5 / 0%	76 / 0%
2 / 0%	24 / 0%	22 / 0%	1 / 0%	54 / 0%	0 / 0%	9 / 0%	1 / 0%	5 / 0%	10 / 0%	5 / 0%	0 / 0%	16 / 0%
29 / 0%	86 / 0%	54 / 2%	16 / 0%	134 / 1%	12 / 0%	9 / 0%	6 / 0%	36 / 0%	47 / 0%	24 / 0%	4 / 0%	47 / 2%
3 / 0%	10 / 0%	13 / 0%	3 / 0%	31 / 0%	2 / 0%	3 / 0%	2 / 0%	5 / 0%	8 / 0%	1 / 0%	2 / 0%	1 / 100%
0 / 0%	0 / 0%	3 / 0%	0 / 0%	5 / 0%	0 / 0%	0 / 0%	0 / 0%	0 / 0%	3 / 0%	0 / 0%	3 / 0%	0 / 0%
422 / 3%	786 / 5%	1651 / 4%	110 / 1%	1614 / 7%	255 / 1%	1361 / 0%	59 / 2%	362 / 1%	2102 / 1%	403 / 5%	38 / 0%	584 / 11%

Attachment 15 - (3-4) Initial Test Volume and Failure Rate by Model Year and Test Station

*Stations without emissions inspections in 2017 have been omitted

115274	115280	115291	115292	115301	115307	115313	115317	115323	115327	115332	115333	115343
0 / 0%	0 / 0%	3 / 0%	1 / 0%	2 / 0%	9 / 0%	0 / 0%	1 / 0%	34 / 12%	11 / 0%	3 / 33%	5 / 20%	8 / 0%
3 / 0%	1 / 0%	23 / 4%	9 / 0%	1 / 0%	35 / 3%	0 / 0%	1 / 0%	80 / 8%	60 / 12%	19 / 5%	17 / 12%	28 / 7%
3 / 0%	0 / 0%	13 / 8%	4 / 0%	2 / 0%	20 / 15%	0 / 0%	0 / 0%	45 / 7%	23 / 4%	8 / 0%	6 / 0%	12 / 8%
10 / 10%	0 / 0%	51 / 4%	18 / 0%	3 / 33%	92 / 7%	1 / 0%	5 / 0%	154 / 8%	110 / 8%	32 / 0%	22 / 9%	49 / 6%
2 / 0%	0 / 0%	27 / 11%	7 / 0%	0 / 0%	34 / 6%	2 / 0%	2 / 0%	66 / 9%	34 / 0%	15 / 13%	8 / 0%	8 / 13%
14 / 7%	1 / 0%	59 / 3%	31 / 3%	3 / 0%	87 / 7%	5 / 0%	9 / 0%	168 / 5%	130 / 5%	56 / 9%	30 / 7%	62 / 6%
2 / 0%	1 / 0%	25 / 28%	6 / 17%	0 / 0%	58 / 2%	4 / 0%	3 / 0%	78 / 3%	62 / 3%	9 / 0%	11 / 0%	26 / 8%
13 / 46%	2 / 0%	66 / 3%	50 / 6%	2 / 0%	123 / 3%	16 / 0%	6 / 33%	216 / 5%	164 / 7%	65 / 2%	31 / 6%	58 / 10%
3 / 0%	0 / 0%	29 / 7%	8 / 0%	0 / 0%	51 / 8%	4 / 0%	2 / 0%	117 / 3%	56 / 0%	18 / 6%	7 / 29%	21 / 14%
17 / 0%	1 / 0%	92 / 14%	44 / 5%	2 / 0%	165 / 7%	10 / 0%	14 / 7%	270 / 3%	171 / 5%	78 / 6%	41 / 10%	85 / 11%
3 / 0%	0 / 0%	33 / 0%	16 / 0%	0 / 0%	68 / 1%	23 / 0%	5 / 0%	111 / 4%	42 / 2%	18 / 6%	17 / 0%	27 / 11%
28 / 0%	1 / 0%	111 / 2%	59 / 0%	2 / 0%	167 / 2%	35 / 0%	10 / 0%	239 / 4%	192 / 3%	98 / 4%	35 / 6%	72 / 10%
4 / 25%	0 / 0%	33 / 3%	15 / 0%	0 / 0%	41 / 2%	20 / 0%	2 / 0%	82 / 0%	54 / 6%	22 / 5%	17 / 0%	21 / 5%
20 / 0%	5 / 0%	87 / 1%	46 / 2%	4 / 0%	119 / 3%	24 / 0%	5 / 0%	124 / 2%	99 / 6%	85 / 5%	21 / 0%	45 / 2%
4 / 0%	0 / 0%	29 / 0%	18 / 0%	0 / 0%	25 / 4%	41 / 0%	3 / 0%	52 / 2%	36 / 3%	24 / 4%	3 / 0%	14 / 0%
29 / 0%	3 / 0%	96 / 3%	55 / 0%	2 / 0%	113 / 1%	86 / 0%	7 / 0%	120 / 3%	112 / 0%	111 / 4%	26 / 0%	43 / 0%
4 / 0%	1 / 0%	26 / 4%	12 / 0%	0 / 0%	25 / 4%	79 / 0%	0 / 0%	40 / 3%	21 / 0%	25 / 4%	5 / 20%	13 / 8%
29 / 0%	9 / 0%	89 / 1%	55 / 0%	0 / 0%	117 / 1%	133 / 0%	6 / 0%	109 / 2%	113 / 2%	146 / 0%	16 / 0%	50 / 0%
1 / 0%	0 / 0%	30 / 0%	17 / 0%	0 / 0%	31 / 0%	240 / 0%	1 / 0%	31 / 0%	24 / 0%	23 / 0%	3 / 0%	10 / 0%
40 / 0%	5 / 0%	82 / 0%	54 / 0%	0 / 0%	94 / 0%	185 / 1%	5 / 0%	79 / 1%	108 / 2%	115 / 1%	24 / 0%	44 / 0%
2 / 0%	1 / 0%	20 / 0%	4 / 0%	0 / 0%	10 / 0%	136 / 0%	1 / 0%	17 / 0%	13 / 0%	9 / 0%	2 / 0%	1 / 0%
0 / 0%	0 / 0%	4 / 0%	2 / 0%	0 / 0%	4 / 0%	20 / 0%	0 / 0%	7 / 0%	1 / 0%	3 / 0%	0 / 0%	0 / 0%
231 / 4%	31 / 0%	1028 / 4%	531 / 1%	23 / 2%	1488 / 3%	1064 / 0%	88 / 2%	2239 / 4%	1636 / 3%	982 / 5%	347 / 5%	697 / 5%

Attachment 15 - (3-4) Initial Test Volume and Failure Rate by Model Year and Test Station

*Stations without emissions inspections in 2017 have been omitted

115345	115348	115353	115355	115356	115359	115368	115383	115392	115395	115400	115406	115408
4 / 0%	11 / 9%	2 / 0%	6 / 17%	1 / 0%	6 / 0%	6 / 0%	5 / 60%	3 / 0%	5 / 20%	23 / 0%	3 / 0%	13 / 8%
23 / 17%	31 / 10%	27 / 15%	41 / 5%	2 / 0%	12 / 8%	13 / 0%	18 / 17%	9 / 11%	18 / 6%	114 / 7%	18 / 11%	35 / 17%
7 / 0%	17 / 0%	8 / 13%	9 / 11%	0 / 0%	9 / 0%	7 / 0%	10 / 0%	4 / 0%	8 / 0%	65 / 9%	4 / 25%	32 / 6%
21 / 14%	53 / 4%	31 / 6%	75 / 3%	2 / 0%	22 / 5%	22 / 0%	40 / 5%	17 / 0%	41 / 12%	147 / 4%	34 / 9%	91 / 13%
9 / 0%	21 / 0%	13 / 8%	15 / 0%	0 / 0%	12 / 0%	8 / 0%	15 / 13%	8 / 13%	15 / 7%	107 / 1%	15 / 7%	43 / 12%
41 / 15%	67 / 3%	39 / 23%	73 / 3%	0 / 0%	36 / 8%	26 / 0%	51 / 8%	29 / 3%	85 / 16%	207 / 4%	34 / 12%	103 / 8%
13 / 8%	21 / 0%	18 / 6%	14 / 0%	2 / 0%	15 / 0%	15 / 0%	21 / 5%	11 / 9%	16 / 19%	108 / 1%	16 / 6%	83 / 6%
74 / 14%	70 / 0%	54 / 4%	84 / 0%	8 / 0%	53 / 4%	20 / 0%	51 / 8%	40 / 3%	139 / 6%	246 / 1%	60 / 12%	126 / 9%
20 / 10%	20 / 0%	15 / 13%	16 / 0%	1 / 0%	21 / 10%	9 / 0%	21 / 0%	29 / 0%	30 / 7%	133 / 3%	22 / 9%	114 / 12%
110 / 5%	91 / 0%	58 / 5%	108 / 3%	9 / 0%	61 / 7%	24 / 0%	63 / 6%	70 / 1%	180 / 7%	260 / 1%	70 / 9%	146 / 5%
25 / 8%	29 / 0%	12 / 0%	14 / 0%	1 / 0%	20 / 10%	7 / 0%	25 / 16%	34 / 0%	35 / 9%	136 / 1%	26 / 8%	115 / 8%
122 / 4%	73 / 1%	51 / 2%	96 / 1%	4 / 0%	69 / 9%	18 / 0%	52 / 8%	145 / 1%	239 / 3%	260 / 0%	86 / 2%	131 / 3%
22 / 0%	31 / 3%	7 / 0%	11 / 0%	0 / 0%	18 / 6%	6 / 0%	10 / 10%	89 / 1%	49 / 2%	82 / 1%	48 / 2%	70 / 6%
92 / 1%	40 / 0%	41 / 2%	69 / 0%	4 / 0%	52 / 2%	7 / 0%	32 / 0%	141 / 1%	208 / 3%	144 / 0%	83 / 1%	80 / 1%
25 / 0%	7 / 0%	3 / 0%	7 / 0%	1 / 0%	20 / 0%	2 / 0%	6 / 0%	111 / 1%	28 / 4%	56 / 0%	37 / 3%	38 / 5%
115 / 2%	55 / 0%	44 / 5%	72 / 1%	3 / 0%	36 / 0%	5 / 0%	31 / 0%	310 / 0%	301 / 2%	103 / 0%	77 / 3%	45 / 4%
24 / 0%	14 / 0%	6 / 0%	10 / 0%	0 / 0%	16 / 0%	0 / 0%	5 / 0%	184 / 1%	52 / 2%	28 / 4%	49 / 0%	29 / 0%
144 / 1%	46 / 0%	44 / 0%	52 / 0%	3 / 0%	33 / 3%	7 / 0%	33 / 0%	611 / 0%	322 / 3%	122 / 0%	120 / 0%	46 / 4%
18 / 0%	5 / 0%	5 / 0%	2 / 0%	1 / 0%	8 / 0%	0 / 0%	6 / 0%	481 / 0%	42 / 0%	23 / 0%	44 / 0%	20 / 0%
131 / 1%	37 / 0%	25 / 0%	51 / 0%	2 / 0%	34 / 0%	6 / 0%	25 / 0%	621 / 0%	269 / 0%	71 / 1%	88 / 1%	23 / 4%
15 / 0%	3 / 0%	5 / 0%	7 / 0%	0 / 0%	2 / 0%	0 / 0%	3 / 0%	295 / 1%	21 / 0%	7 / 0%	49 / 0%	7 / 0%
3 / 0%	1 / 0%	1 / 0%	1 / 0%	0 / 0%	4 / 0%	0 / 0%	1 / 0%	86 / 1%	2 / 0%	1 / 0%	4 / 0%	0 / 0%
1058 / 4%	743 / 1%	509 / 5%	833 / 2%	44 / 0%	559 / 3%	208 / 0%	524 / 7%	3328 / 2%	2105 / 6%	2443 / 2%	987 / 5%	1390 / 6%

Attachment 15 - (3-4) Initial Test Volume and Failure Rate by Model Year and Test Station

*Stations without emissions inspections in 2017 have been omitted

115410	115417	115442	115444	115455	115459	115470	115487	115505	115517	115553	115554	115582
2 / 0%	2 / 0%	4 / 0%	6 / 0%	16 / 0%	4 / 0%	2 / 50%	0 / 0%	0 / 0%	0 / 0%	3 / 0%	2 / 0%	3 / 0%
4 / 0%	7 / 0%	25 / 4%	20 / 0%	66 / 0%	18 / 6%	21 / 0%	6 / 0%	2 / 0%	5 / 0%	27 / 4%	21 / 5%	8 / 13%
2 / 0%	4 / 0%	6 / 0%	10 / 0%	28 / 4%	7 / 0%	10 / 10%	3 / 0%	0 / 0%	3 / 33%	5 / 0%	2 / 0%	2 / 0%
12 / 0%	12 / 8%	42 / 5%	36 / 0%	83 / 1%	29 / 21%	23 / 4%	6 / 0%	3 / 0%	9 / 0%	38 / 3%	25 / 12%	12 / 0%
1 / 0%	13 / 8%	10 / 0%	27 / 4%	53 / 0%	9 / 0%	16 / 13%	4 / 0%	0 / 0%	5 / 20%	8 / 0%	5 / 0%	3 / 0%
13 / 0%	25 / 4%	69 / 3%	48 / 4%	122 / 0%	42 / 7%	51 / 10%	8 / 0%	0 / 0%	9 / 0%	58 / 5%	39 / 5%	13 / 0%
4 / 0%	10 / 0%	18 / 0%	33 / 0%	69 / 0%	7 / 0%	17 / 12%	2 / 0%	1 / 0%	6 / 17%	7 / 0%	9 / 0%	4 / 0%
18 / 11%	35 / 6%	84 / 2%	60 / 0%	186 / 1%	36 / 3%	84 / 8%	20 / 0%	3 / 0%	21 / 0%	39 / 3%	50 / 4%	21 / 0%
8 / 0%	17 / 0%	25 / 0%	44 / 0%	90 / 0%	13 / 8%	25 / 4%	4 / 0%	0 / 0%	14 / 14%	14 / 0%	6 / 0%	6 / 17%
20 / 0%	38 / 0%	114 / 4%	76 / 1%	183 / 0%	52 / 0%	127 / 8%	9 / 0%	3 / 0%	41 / 2%	75 / 1%	61 / 5%	17 / 0%
8 / 13%	26 / 0%	28 / 4%	38 / 3%	151 / 1%	5 / 0%	34 / 6%	7 / 0%	1 / 0%	22 / 9%	9 / 0%	9 / 0%	4 / 0%
30 / 0%	38 / 3%	128 / 2%	54 / 2%	209 / 0%	45 / 0%	168 / 5%	19 / 5%	3 / 0%	63 / 0%	63 / 0%	58 / 5%	17 / 0%
3 / 0%	24 / 0%	22 / 9%	21 / 0%	121 / 0%	9 / 0%	29 / 7%	7 / 0%	0 / 0%	27 / 0%	9 / 0%	2 / 0%	4 / 0%
11 / 0%	39 / 0%	90 / 2%	27 / 0%	109 / 0%	33 / 0%	167 / 3%	13 / 0%	1 / 0%	61 / 0%	76 / 0%	43 / 2%	7 / 0%
1 / 0%	18 / 6%	24 / 4%	7 / 0%	62 / 0%	7 / 0%	34 / 0%	12 / 0%	1 / 0%	24 / 0%	5 / 0%	6 / 0%	1 / 0%
14 / 0%	37 / 0%	114 / 0%	20 / 0%	49 / 0%	23 / 0%	240 / 3%	13 / 0%	4 / 0%	83 / 1%	50 / 0%	83 / 0%	6 / 0%
4 / 0%	19 / 0%	16 / 0%	2 / 0%	24 / 0%	5 / 0%	52 / 4%	7 / 0%	1 / 0%	34 / 3%	12 / 0%	9 / 0%	0 / 0%
20 / 5%	25 / 0%	126 / 1%	7 / 0%	41 / 0%	25 / 0%	288 / 1%	22 / 0%	4 / 0%	92 / 1%	44 / 0%	49 / 0%	13 / 0%
4 / 0%	12 / 0%	9 / 0%	2 / 0%	11 / 0%	1 / 0%	48 / 2%	5 / 0%	1 / 0%	32 / 0%	6 / 0%	6 / 0%	0 / 0%
17 / 6%	16 / 0%	109 / 0%	4 / 0%	30 / 0%	35 / 0%	243 / 0%	36 / 0%	7 / 0%	107 / 1%	50 / 0%	64 / 0%	8 / 0%
5 / 0%	8 / 0%	14 / 0%	0 / 0%	2 / 0%	1 / 0%	18 / 0%	5 / 0%	1 / 0%	18 / 0%	0 / 0%	2 / 0%	1 / 0%
0 / 0%	2 / 0%	2 / 0%	0 / 0%	1 / 0%	0 / 0%	10 / 0%	0 / 0%	0 / 0%	4 / 0%	1 / 0%	4 / 0%	0 / 0%
201 / 2%	427 / 2%	1079 / 2%	542 / 1%	1706 / 0%	406 / 2%	1707 / 7%	208 / 0%	36 / 0%	680 / 5%	599 / 1%	555 / 2%	150 / 1%

Attachment 15 - (3-4) Initial Test Volume and Failure Rate by Model Year and Test Station

*Stations without emissions inspections in 2017 have been omitted

115616	115667	115687	115792	115826	296006	296012	296034	296037	296042	296047	296055	296074
16 / 6%	4 / 0%	1 / 0%	3 / 0%	0 / 0%	2 / 0%	0 / 0%	3 / 0%	1 / 0%	1 / 0%	4 / 0%	14 / 0%	0 / 0%
48 / 23%	36 / 17%	1 / 0%	11 / 0%	5 / 20%	29 / 10%	8 / 0%	12 / 0%	12 / 8%	6 / 0%	14 / 7%	59 / 5%	3 / 33%
27 / 11%	7 / 0%	0 / 0%	5 / 0%	0 / 0%	3 / 0%	0 / 0%	2 / 0%	2 / 0%	1 / 0%	8 / 0%	15 / 7%	8 / 0%
86 / 8%	79 / 10%	7 / 0%	19 / 0%	16 / 13%	49 / 12%	19 / 0%	27 / 4%	15 / 0%	10 / 0%	39 / 3%	87 / 7%	22 / 9%
40 / 18%	16 / 0%	3 / 33%	9 / 11%	0 / 0%	16 / 6%	0 / 0%	11 / 0%	15 / 0%	6 / 0%	4 / 0%	22 / 0%	10 / 0%
99 / 13%	96 / 6%	15 / 0%	25 / 8%	7 / 14%	61 / 13%	24 / 4%	26 / 0%	5 / 0%	26 / 0%	90 / 8%	89 / 7%	24 / 17%
40 / 13%	32 / 9%	4 / 0%	10 / 0%	8 / 0%	13 / 8%	5 / 0%	16 / 0%	8 / 0%	5 / 0%	13 / 0%	26 / 8%	19 / 5%
111 / 9%	120 / 3%	25 / 0%	30 / 10%	19 / 16%	92 / 8%	37 / 0%	57 / 0%	13 / 8%	21 / 0%	77 / 10%	92 / 8%	33 / 12%
44 / 5%	30 / 7%	4 / 0%	4 / 25%	2 / 0%	27 / 0%	6 / 0%	22 / 0%	6 / 0%	4 / 25%	17 / 0%	31 / 3%	13 / 8%
143 / 9%	116 / 5%	20 / 10%	26 / 4%	21 / 5%	167 / 6%	56 / 0%	63 / 0%	13 / 0%	21 / 0%	130 / 3%	125 / 7%	38 / 3%
53 / 15%	24 / 4%	5 / 0%	4 / 0%	6 / 17%	44 / 7%	16 / 0%	30 / 0%	4 / 0%	4 / 0%	27 / 7%	45 / 2%	20 / 0%
99 / 3%	131 / 3%	24 / 0%	16 / 0%	27 / 4%	201 / 1%	78 / 3%	93 / 0%	14 / 0%	17 / 6%	142 / 4%	112 / 2%	41 / 5%
25 / 8%	29 / 7%	6 / 0%	4 / 0%	6 / 33%	49 / 0%	27 / 7%	38 / 0%	3 / 0%	3 / 0%	22 / 14%	18 / 0%	8 / 13%
48 / 0%	94 / 2%	9 / 0%	11 / 9%	24 / 0%	186 / 1%	137 / 1%	119 / 1%	11 / 0%	11 / 0%	134 / 3%	74 / 3%	11 / 0%
10 / 0%	24 / 0%	1 / 0%	6 / 17%	3 / 0%	50 / 4%	57 / 0%	51 / 0%	3 / 0%	0 / 0%	15 / 20%	19 / 0%	6 / 33%
47 / 2%	87 / 1%	18 / 0%	19 / 0%	27 / 0%	232 / 3%	262 / 0%	194 / 1%	11 / 0%	17 / 0%	124 / 3%	75 / 0%	26 / 0%
17 / 0%	11 / 0%	1 / 0%	3 / 0%	4 / 0%	59 / 0%	125 / 2%	90 / 0%	4 / 0%	2 / 0%	26 / 0%	11 / 0%	8 / 0%
38 / 0%	93 / 0%	11 / 0%	11 / 0%	36 / 0%	256 / 1%	454 / 1%	298 / 1%	7 / 0%	4 / 0%	191 / 1%	62 / 2%	17 / 6%
4 / 25%	7 / 0%	3 / 0%	0 / 0%	4 / 0%	60 / 0%	938 / 0%	86 / 0%	3 / 0%	0 / 0%	29 / 0%	10 / 0%	5 / 0%
27 / 0%	81 / 0%	16 / 0%	14 / 0%	21 / 0%	246 / 0%	1039 / 0%	268 / 0%	9 / 0%	10 / 0%	153 / 0%	40 / 0%	13 / 0%
1 / 0%	3 / 0%	2 / 0%	0 / 0%	0 / 0%	109 / 0%	289 / 0%	36 / 3%	0 / 0%	0 / 0%	10 / 0%	7 / 0%	1 / 0%
0 / 0%	2 / 0%	0 / 0%	0 / 0%	0 / 0%	24 / 0%	223 / 0%	6 / 0%	0 / 0%	0 / 0%	2 / 0%	2 / 0%	0 / 0%
1023 / 8%	1122 / 3%	176 / 2%	230 / 4%	236 / 6%	1975 / 4%	3800 / 1%	1548 / 0%	159 / 1%	169 / 1%	1271 / 4%	1035 / 3%	326 / 7%

Attachment 15 - (3-4) Initial Test Volume and Failure Rate by Model Year and Test Station

*Stations without emissions inspections in 2017 have been omitted

296106	296118	296139	296153	296158	296178	296203	296213	296248	296257	296267	296302	296377
1 / 0%	2 / 0%	0 / 0%	0 / 0%	3 / 0%	3 / 0%	1 / 0%	3 / 0%	0 / 0%	3 / 0%	5 / 0%	1 / 0%	1 / 0%
17 / 0%	23 / 9%	12 / 0%	21 / 5%	23 / 0%	7 / 0%	14 / 14%	35 / 9%	21 / 0%	19 / 0%	23 / 13%	16 / 0%	11 / 0%
3 / 0%	5 / 40%	6 / 0%	5 / 0%	6 / 17%	2 / 0%	2 / 0%	6 / 0%	6 / 0%	3 / 0%	4 / 0%	2 / 0%	3 / 0%
39 / 0%	58 / 12%	27 / 4%	28 / 11%	27 / 0%	18 / 0%	13 / 0%	50 / 6%	36 / 0%	41 / 2%	41 / 2%	24 / 4%	11 / 0%
6 / 0%	14 / 0%	6 / 17%	6 / 17%	14 / 7%	10 / 0%	2 / 0%	13 / 8%	13 / 0%	10 / 0%	10 / 0%	6 / 0%	4 / 0%
60 / 0%	72 / 4%	24 / 8%	41 / 12%	44 / 7%	31 / 6%	22 / 5%	86 / 2%	56 / 2%	65 / 2%	60 / 8%	42 / 5%	16 / 0%
10 / 10%	17 / 6%	5 / 0%	9 / 0%	12 / 8%	10 / 0%	9 / 0%	21 / 10%	30 / 0%	4 / 0%	8 / 0%	1 / 0%	8 / 13%
74 / 0%	105 / 4%	17 / 6%	60 / 13%	52 / 4%	63 / 0%	24 / 8%	166 / 4%	118 / 0%	89 / 0%	105 / 10%	43 / 0%	16 / 0%
12 / 0%	29 / 3%	6 / 0%	10 / 0%	8 / 0%	18 / 0%	6 / 33%	34 / 0%	40 / 3%	8 / 0%	18 / 6%	5 / 0%	4 / 0%
75 / 3%	133 / 5%	36 / 6%	92 / 12%	59 / 2%	66 / 0%	27 / 7%	223 / 2%	127 / 2%	110 / 2%	147 / 3%	41 / 2%	58 / 2%
15 / 0%	23 / 0%	12 / 8%	9 / 0%	10 / 0%	26 / 8%	7 / 0%	22 / 9%	54 / 2%	11 / 0%	20 / 0%	3 / 0%	23 / 9%
82 / 0%	134 / 4%	33 / 0%	102 / 10%	46 / 4%	68 / 3%	20 / 0%	279 / 3%	290 / 1%	127 / 0%	190 / 4%	46 / 2%	71 / 0%
9 / 0%	21 / 10%	4 / 0%	18 / 0%	9 / 0%	44 / 2%	12 / 0%	37 / 3%	102 / 1%	15 / 0%	30 / 0%	2 / 0%	16 / 0%
56 / 0%	111 / 4%	13 / 0%	82 / 0%	28 / 7%	106 / 1%	12 / 0%	247 / 3%	289 / 0%	78 / 0%	166 / 1%	24 / 0%	71 / 1%
4 / 0%	11 / 0%	7 / 0%	13 / 0%	6 / 0%	33 / 0%	5 / 0%	35 / 6%	101 / 0%	15 / 0%	23 / 4%	8 / 0%	26 / 8%
52 / 0%	106 / 1%	19 / 0%	85 / 1%	43 / 0%	141 / 0%	19 / 5%	378 / 1%	464 / 0%	110 / 0%	228 / 1%	30 / 0%	134 / 1%
7 / 0%	12 / 0%	3 / 0%	17 / 0%	8 / 0%	31 / 0%	4 / 0%	49 / 2%	200 / 0%	15 / 0%	34 / 0%	1 / 0%	63 / 2%
66 / 0%	112 / 1%	22 / 0%	116 / 2%	31 / 3%	144 / 1%	16 / 6%	421 / 0%	669 / 0%	98 / 0%	233 / 0%	24 / 0%	201 / 0%
3 / 0%	16 / 0%	4 / 0%	15 / 0%	13 / 0%	60 / 2%	2 / 0%	53 / 0%	656 / 0%	15 / 0%	33 / 0%	3 / 0%	186 / 1%
46 / 0%	89 / 1%	26 / 4%	110 / 0%	19 / 0%	301 / 1%	10 / 0%	395 / 1%	1096 / 0%	76 / 1%	218 / 0%	23 / 0%	365 / 1%
1 / 0%	10 / 0%	1 / 0%	14 / 0%	3 / 0%	48 / 0%	0 / 0%	40 / 0%	201 / 0%	12 / 0%	24 / 0%	2 / 0%	170 / 1%
0 / 0%	1 / 0%	0 / 0%	4 / 0%	2 / 0%	28 / 0%	0 / 0%	7 / 0%	86 / 0%	2 / 0%	4 / 0%	0 / 0%	59 / 2%
638 / 1%	1104 / 5%	283 / 2%	857 / 4%	466 / 3%	1258 / 1%	227 / 4%	2600 / 3%	4655 / 1%	926 / 0%	1624 / 2%	347 / 1%	1517 / 2%

Attachment 15 - (3-4) Initial Test Volume and Failure Rate by Model Year and Test Station

*Stations without emissions inspections in 2017 have been omitted

296409	296419	296426	296434	296437	296484	050024P	092200P	096053P	096093P	096127P	096198G	096363G
0 / 0%	1 / 0%	0 / 0%	9 / 11%	0 / 0%	1 / 0%	0 / 0%	0 / 0%	0 / 0%	0 / 0%	0 / 0%	0 / 0%	0 / 0%
5 / 0%	19 / 16%	19 / 5%	61 / 8%	11 / 0%	31 / 3%	0 / 0%	0 / 0%	0 / 0%	4 / 0%	0 / 0%	0 / 0%	0 / 0%
6 / 0%	6 / 17%	3 / 0%	13 / 0%	1 / 0%	12 / 0%	0 / 0%	0 / 0%	0 / 0%	0 / 0%	0 / 0%	0 / 0%	0 / 0%
7 / 0%	22 / 18%	24 / 0%	83 / 4%	29 / 0%	71 / 7%	1 / 0%	0 / 0%	0 / 0%	1 / 0%	0 / 0%	0 / 0%	0 / 0%
1 / 0%	4 / 25%	10 / 0%	25 / 0%	11 / 9%	13 / 0%	1 / 0%	0 / 0%	0 / 0%	0 / 0%	0 / 0%	0 / 0%	0 / 0%
22 / 0%	34 / 6%	50 / 4%	106 / 3%	38 / 0%	110 / 6%	1 / 0%	0 / 0%	0 / 0%	2 / 0%	0 / 0%	0 / 0%	4 / 0%
8 / 0%	8 / 0%	17 / 0%	32 / 0%	5 / 0%	21 / 5%	3 / 0%	0 / 0%	0 / 0%	0 / 0%	0 / 0%	0 / 0%	0 / 0%
42 / 2%	48 / 10%	107 / 2%	133 / 2%	46 / 2%	135 / 7%	2 / 0%	0 / 0%	0 / 0%	1 / 0%	0 / 0%	0 / 0%	11 / 0%
11 / 0%	10 / 0%	13 / 8%	28 / 4%	11 / 0%	26 / 4%	5 / 0%	0 / 0%	0 / 0%	1 / 0%	0 / 0%	0 / 0%	0 / 0%
65 / 0%	46 / 2%	185 / 2%	114 / 3%	53 / 0%	214 / 7%	5 / 0%	0 / 0%	0 / 0%	23 / 0%	1 / 0%	8 / 0%	14 / 0%
24 / 0%	3 / 0%	26 / 0%	30 / 3%	12 / 0%	36 / 3%	4 / 0%	0 / 0%	1 / 0%	1 / 0%	0 / 0%	1 / 0%	0 / 0%
102 / 1%	54 / 13%	302 / 1%	112 / 4%	66 / 3%	281 / 2%	9 / 0%	3 / 0%	0 / 0%	5 / 0%	11 / 0%	1 / 0%	53 / 0%
44 / 0%	5 / 20%	27 / 0%	16 / 6%	6 / 0%	30 / 0%	14 / 0%	0 / 0%	0 / 0%	2 / 0%	0 / 0%	0 / 0%	0 / 0%
119 / 1%	27 / 4%	347 / 0%	86 / 1%	54 / 0%	239 / 2%	28 / 0%	0 / 0%	0 / 0%	2 / 0%	2 / 0%	1 / 0%	37 / 0%
61 / 0%	4 / 0%	29 / 0%	8 / 0%	3 / 0%	27 / 4%	42 / 0%	2 / 0%	0 / 0%	0 / 0%	0 / 0%	0 / 0%	3 / 0%
230 / 0%	35 / 3%	381 / 0%	85 / 0%	42 / 0%	281 / 2%	48 / 0%	2 / 0%	2 / 0%	6 / 0%	2 / 0%	0 / 0%	49 / 0%
137 / 0%	0 / 0%	41 / 0%	8 / 0%	7 / 0%	25 / 4%	116 / 0%	0 / 0%	0 / 0%	0 / 0%	0 / 0%	0 / 0%	3 / 0%
384 / 0%	27 / 0%	558 / 0%	47 / 2%	54 / 0%	302 / 0%	182 / 0%	7 / 0%	0 / 0%	0 / 0%	11 / 9%	0 / 0%	33 / 0%
232 / 0%	4 / 0%	81 / 0%	11 / 0%	3 / 0%	35 / 0%	325 / 0%	0 / 0%	0 / 0%	0 / 0%	0 / 0%	0 / 0%	8 / 0%
509 / 0%	22 / 5%	597 / 0%	59 / 0%	33 / 0%	250 / 0%	418 / 0%	0 / 0%	0 / 0%	16 / 0%	18 / 0%	1 / 0%	35 / 0%
298 / 1%	0 / 0%	65 / 0%	5 / 0%	7 / 0%	29 / 0%	363 / 0%	0 / 0%	0 / 0%	0 / 0%	0 / 0%	0 / 0%	2 / 0%
223 / 2%	1 / 0%	7 / 0%	1 / 0%	0 / 0%	4 / 0%	121 / 1%	0 / 0%	0 / 0%	0 / 0%	0 / 0%	0 / 0%	5 / 0%
2530 / 0%	380 / 6%	2889 / 1%	1072 / 2%	492 / 1%	2173 / 3%	1688 / 0%	14 / 0%	3 / 0%	64 / 0%	45 / 0%	12 / 0%	257 / 0%

Attachment 15 - (3-4) Initial Test Volume and Failure Rate by Model Year and Test Station

*Stations without emissions inspections in 2017 have been omitted

096625P	096782P	096784P	096850p	115006P	115025P	115032P	115144G	115154P	115243P	115389G	296000G
0 / 0%	0 / 0%	0 / 0%	0 / 0%	2 / 0%	0 / 0%	3 / 0%	0 / 0%	1 / 0%	0 / 0%	0 / 0%	0 / 0%
0 / 0%	0 / 0%	0 / 0%	0 / 0%	7 / 0%	0 / 0%	10 / 0%	1 / 0%	1 / 0%	1 / 0%	0 / 0%	2 / 0%
0 / 0%	0 / 0%	0 / 0%	0 / 0%	7 / 0%	0 / 0%	15 / 0%	0 / 0%	6 / 17%	0 / 0%	0 / 0%	0 / 0%
0 / 0%	0 / 0%	0 / 0%	3 / 0%	21 / 0%	1 / 0%	38 / 0%	0 / 0%	1 / 0%	5 / 0%	0 / 0%	0 / 0%
0 / 0%	0 / 0%	0 / 0%	0 / 0%	34 / 0%	0 / 0%	30 / 0%	0 / 0%	3 / 0%	0 / 0%	0 / 0%	2 / 0%
0 / 0%	0 / 0%	2 / 0%	14 / 0%	31 / 3%	1 / 0%	25 / 0%	0 / 0%	8 / 0%	14 / 0%	0 / 0%	0 / 0%
0 / 0%	0 / 0%	7 / 0%	1 / 0%	35 / 0%	0 / 0%	40 / 0%	0 / 0%	1 / 0%	0 / 0%	0 / 0%	0 / 0%
0 / 0%	0 / 0%	10 / 0%	2 / 0%	35 / 0%	0 / 0%	38 / 3%	1 / 0%	8 / 0%	1 / 0%	4 / 0%	0 / 0%
0 / 0%	0 / 0%	19 / 0%	0 / 0%	37 / 0%	2 / 0%	56 / 2%	0 / 0%	13 / 0%	0 / 0%	1 / 0%	0 / 0%
0 / 0%	0 / 0%	32 / 0%	2 / 0%	38 / 3%	3 / 0%	51 / 0%	0 / 0%	24 / 0%	1 / 0%	17 / 0%	1 / 100%
0 / 0%	0 / 0%	59 / 0%	1 / 0%	18 / 0%	6 / 0%	21 / 0%	1 / 0%	20 / 0%	1 / 0%	4 / 0%	2 / 0%
5 / 0%	1 / 0%	94 / 0%	44 / 0%	16 / 6%	3 / 0%	19 / 0%	4 / 0%	27 / 0%	39 / 0%	48 / 0%	1 / 100%
0 / 0%	0 / 0%	87 / 0%	12 / 0%	8 / 0%	7 / 0%	12 / 0%	0 / 0%	32 / 0%	2 / 0%	0 / 0%	2 / 0%
3 / 0%	1 / 0%	81 / 0%	2 / 0%	2 / 0%	6 / 0%	11 / 0%	14 / 0%	16 / 0%	4 / 0%	2 / 0%	4 / 0%
1 / 0%	0 / 0%	74 / 0%	0 / 0%	2 / 0%	2 / 0%	0 / 0%	3 / 0%	35 / 0%	0 / 0%	0 / 0%	3 / 33%
1 / 0%	0 / 0%	94 / 0%	12 / 0%	3 / 0%	2 / 0%	2 / 0%	4 / 0%	54 / 0%	0 / 0%	9 / 0%	0 / 0%
2 / 0%	0 / 0%	95 / 0%	0 / 0%	0 / 0%	1 / 0%	1 / 0%	1 / 0%	31 / 0%	0 / 0%	5 / 0%	2 / 0%
2 / 0%	0 / 0%	108 / 0%	25 / 0%	0 / 0%	1 / 0%	0 / 0%	3 / 0%	34 / 0%	6 / 0%	28 / 0%	3 / 100%
0 / 0%	0 / 0%	94 / 0%	8 / 0%	0 / 0%	0 / 0%	0 / 0%	0 / 0%	30 / 0%	5 / 0%	5 / 0%	3 / 33%
11 / 0%	3 / 0%	44 / 0%	11 / 0%	0 / 0%	0 / 0%	0 / 0%	10 / 0%	25 / 0%	5 / 0%	23 / 0%	7 / 14%
0 / 0%	0 / 0%	15 / 0%	6 / 0%	0 / 0%	0 / 0%	0 / 0%	1 / 0%	5 / 0%	5 / 0%	6 / 0%	0 / 0%
0 / 0%	0 / 0%	4 / 0%	0 / 0%	0 / 0%	0 / 0%	0 / 0%	1 / 0%	1 / 0%	0 / 0%	0 / 0%	0 / 0%
25 / 0%	5 / 0%	919 / 0%	143 / 0%	296 / 1%	35 / 0%	372 / 0%	44 / 0%	376 / 1%	89 / 0%	152 / 0%	32 / 17%